

Data Path : P:\HPCHEM1\ECD\_0\Data\P0052018\  
 Data File : P0044862.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 May 2018 3:26  
 Operator : SM/UA  
 Sample : J2677-05  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 OK-02-051718

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 05:24:01 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0051518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 15 15:44:07 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...          | 4.021 | 3.290 | 5502173 | 7454044 | 35.906  | 31.095    |
| 2) SA Decachlor...          | 9.323 | 8.024 | 2618251 | 2115246 | 12.734  | 7.517 #   |
| Target Compounds            |       |       |         |         |         |           |
| 4) L1 AR-1016-2             | 5.285 | 0.000 | 548243  | 0       | 102.777 | N.D. #    |
| 5) L1 AR-1016-3             | 5.285 | 0.000 | 548243  | 0       | 130.409 | N.D. #    |
| 6) L1 AR-1016-4             | 5.743 | 4.678 | 298797  | 1184577 | 67.679  | 167.911 # |
| 7) L1 AR-1016-5             | 5.982 | 5.068 | 1568569 | 477981  | 402.121 | 64.771 #  |
| 12) L3 AR-1232-2            | 0.000 | 4.398 | 0       | 473334  | N.D.    | 44.460 #  |
| 13) L3 AR-1232-3            | 0.000 | 4.398 | 0       | 473334  | N.D.    | 108.641 # |
| 14) L3 AR-1232-4            | 5.285 | 0.000 | 548243  | 0       | 203.008 | N.D. #    |
| 15) L3 AR-1232-5            | 5.285 | 0.000 | 548243  | 0       | 265.039 | N.D. #    |
| 17) L4 AR-1242-2            | 0.000 | 4.398 | 0       | 473334  | N.D.    | 25.807 #  |
| 18) L4 AR-1242-3            | 5.285 | 0.000 | 548243  | 0       | 160.678 | N.D. #    |
| 19) L4 AR-1242-4            | 5.552 | 0.000 | 1019999 | 0       | 310.958 | N.D. #    |
| 20) L4 AR-1242-5            | 5.743 | 4.678 | 298797  | 1184577 | 82.213  | 172.972 # |
| 21) L5 AR-1248-1            | 5.552 | 4.678 | 1019999 | 1184577 | 187.451 | 127.323 # |
| 22) L5 AR-1248-2            | 5.743 | 4.938 | 298797  | 1360075 | 62.725  | 162.090 # |
| 23) L5 AR-1248-3            | 5.982 | 5.068 | 1568569 | 477981  | 233.335 | 33.422 #  |
| 24) L5 AR-1248-4            | 5.982 | 5.150 | 1568569 | 345886  | 223.455 | 26.371 #  |
| 25) L5 AR-1248-5            | 6.220 | 5.560 | 3187354 | 323821  | 725.736 | 45.483 #  |
| 26) L6 AR-1254-1            | 6.173 | 5.068 | 544123  | 477981  | 50.403  | 29.547 #  |
| 27) L6 AR-1254-2            | 6.430 | 5.206 | 373244  | 258803  | 51.310  | 18.368 #  |
| 28) L6 AR-1254-3            | 6.531 | 5.560 | 387707  | 323821  | 31.275  | 13.847 #  |
| 30) L6 AR-1254-5            | 7.128 | 6.169 | 320495  | 386992  | 41.526  | 35.236    |
| 32) L7 AR-1260-2            | 6.974 | 5.901 | 140216  | 142703  | 11.061  | 6.574 #   |
| 33) L7 AR-1260-3            | 0.000 | 6.211 | 0       | 133666  | N.D.    | 6.223 #   |
| 34) L7 AR-1260-4            | 7.807 | 0.000 | 36003   | 0       | 1.518   | N.D. #    |
| 35) L7 AR-1260-5            | 8.093 | 0.000 | 192329  | 0       | 13.178  | N.D. #    |
| 36) L8 AR-1262-1            | 0.000 | 5.901 | 0       | 142703  | N.D.    | 7.952 #   |
| 37) L8 AR-1262-2            | 6.974 | 0.000 | 140216  | 0       | 13.311  | N.D. #    |
| 38) L8 AR-1262-3            | 0.000 | 6.211 | 0       | 133666  | N.D.    | 4.506 #   |
| 39) L8 AR-1262-4            | 7.508 | 0.000 | 96035   | 0       | 6.873   | N.D. #    |
| 40) L8 AR-1262-5            | 7.807 | 0.000 | 36003   | 0       | 1.182   | N.D. #    |
| 41) L9 AR-1268-1            | 8.093 | 0.000 | 192329  | 0       | 5.824   | N.D. #    |
| 42) L9 AR-1268-2            | 8.165 | 0.000 | 135494  | 0       | 4.536   | N.D. #    |
| 45) L9 AR-1268-5            | 0.000 | 7.820 | 0       | 69576   | N.D.    | 0.527 #   |
| -----                       |       |       |         |         |         |           |

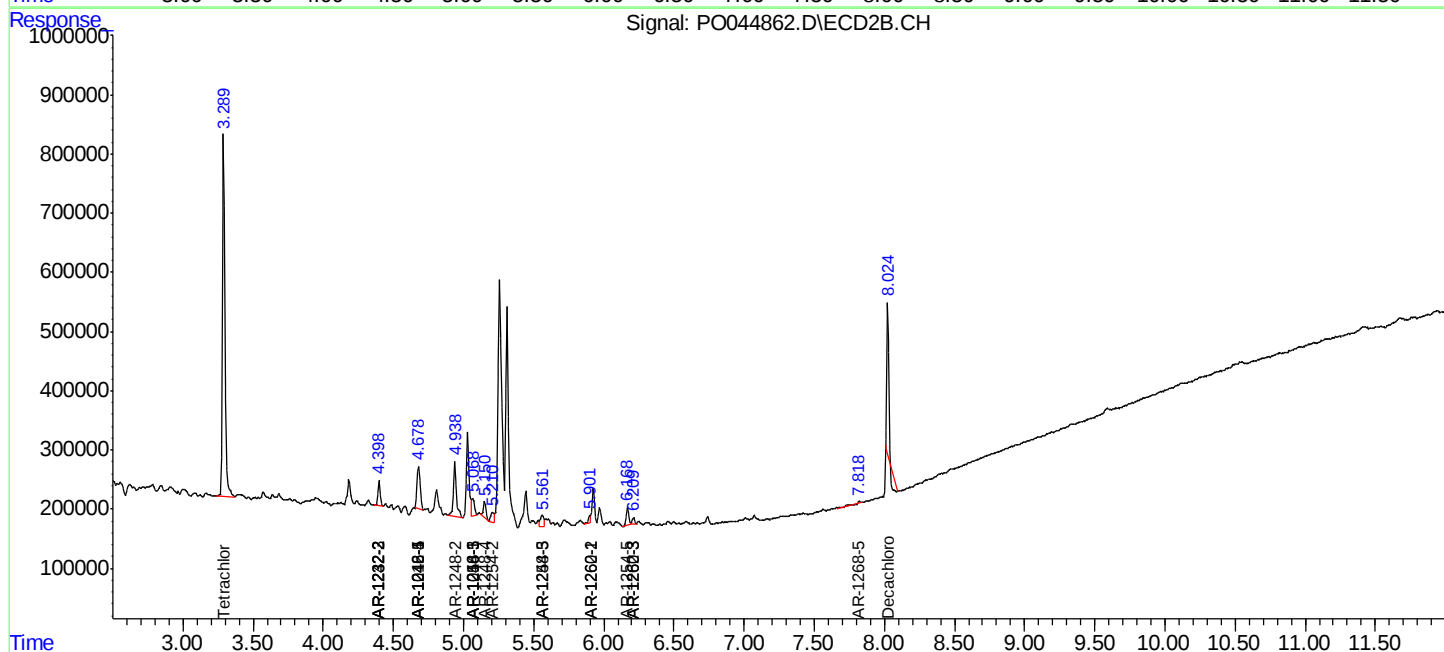
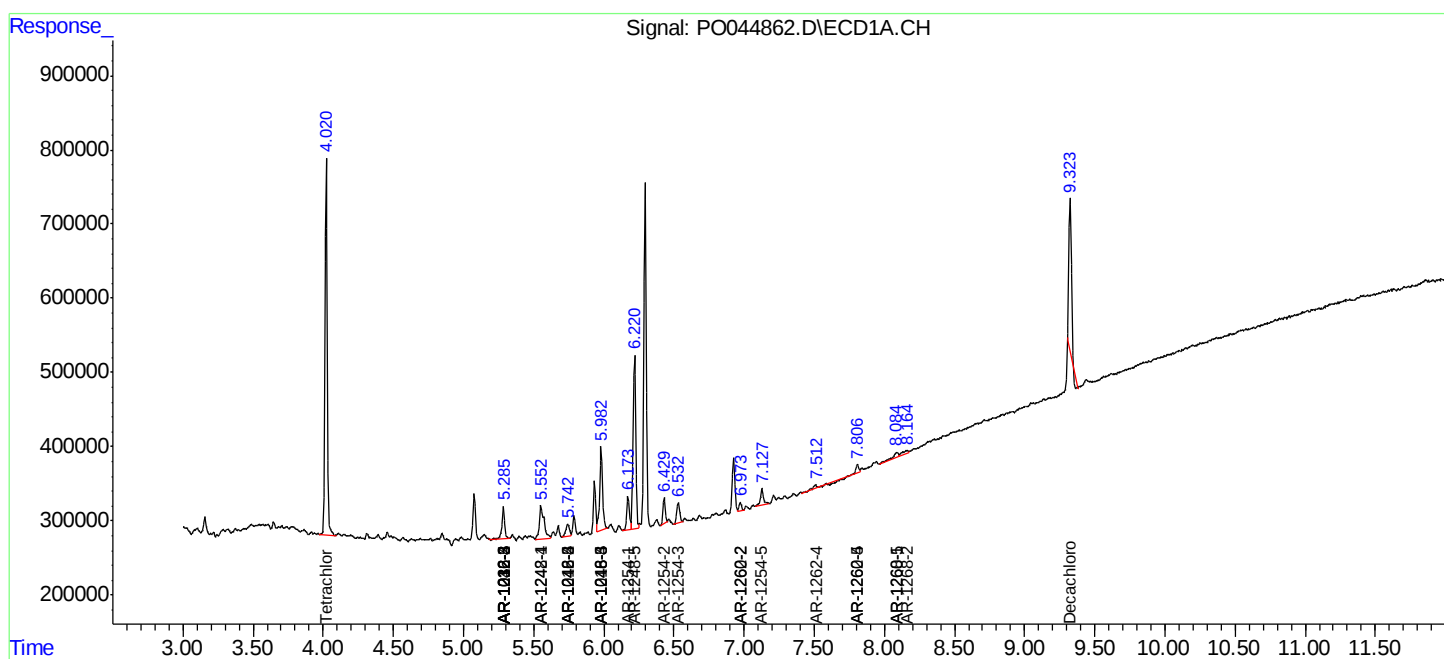
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

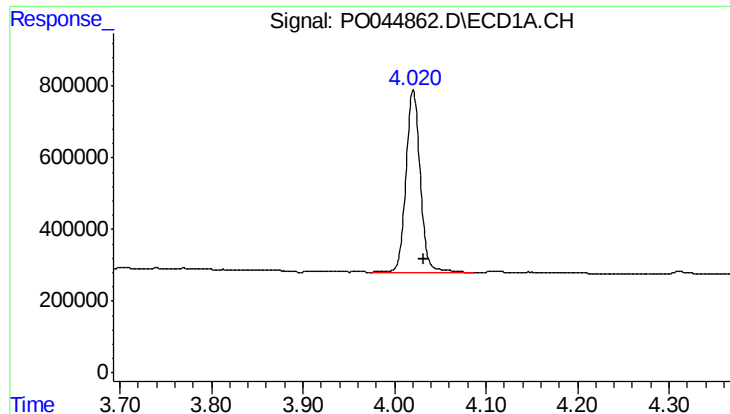
Data Path : P:\HPCHEM1\ECD\_0\Data\PO052018\  
Data File : PO044862.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 May 2018 3:26  
Operator : SM/UA  
Sample : J2677-05  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 05:24:01 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO051518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 15 15:44:07 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

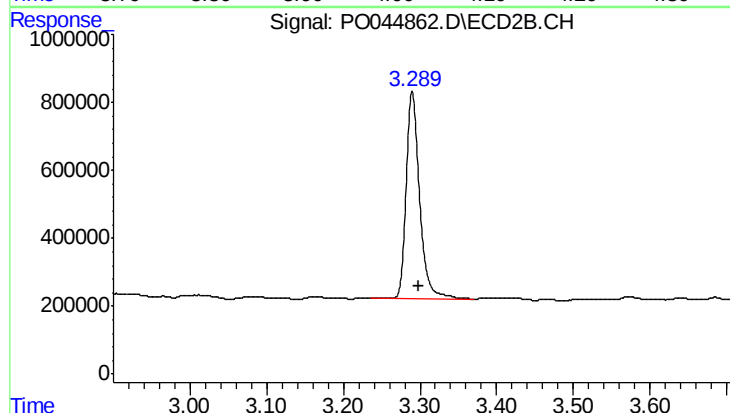




#1 Tetrachloro-m-xylene

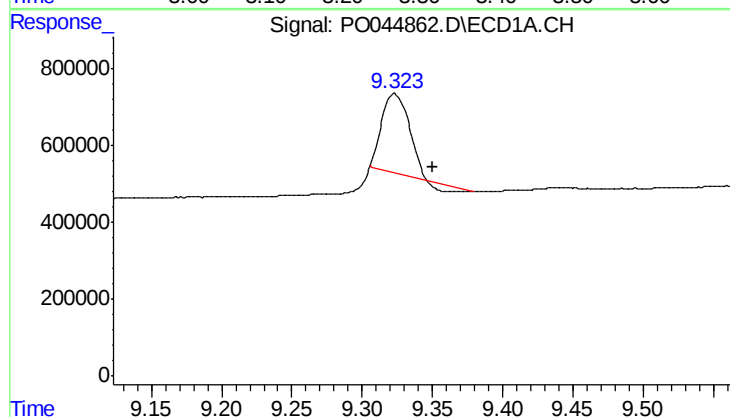
R.T.: 4.021 min  
Delta R.T.: -0.012 min  
Response: 5502173  
Conc: 35.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



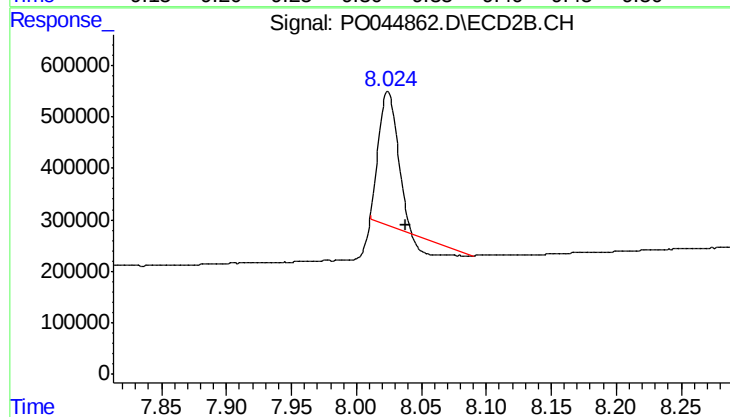
#1 Tetrachloro-m-xylene

R.T.: 3.290 min  
Delta R.T.: -0.008 min  
Response: 7454044  
Conc: 31.09 ng/ml



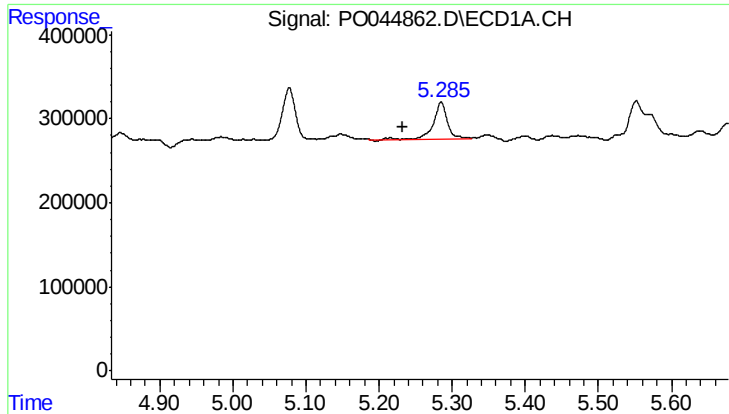
#2 Decachlorobiphenyl

R.T.: 9.323 min  
Delta R.T.: -0.028 min  
Response: 2618251  
Conc: 12.73 ng/ml



#2 Decachlorobiphenyl

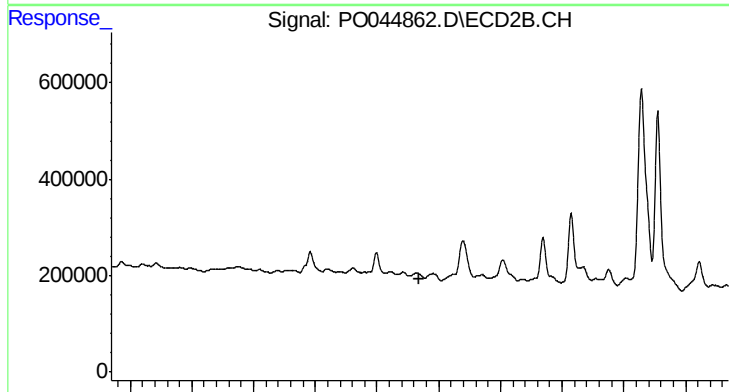
R.T.: 8.024 min  
Delta R.T.: -0.014 min  
Response: 2115246  
Conc: 7.52 ng/ml



#4 AR-1016-2

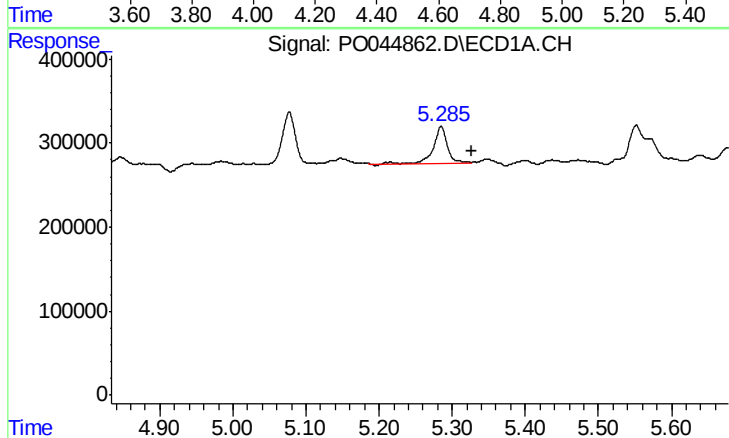
R.T.: 5.285 min  
Delta R.T.: 0.053 min  
Response: 548243  
Conc: 102.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



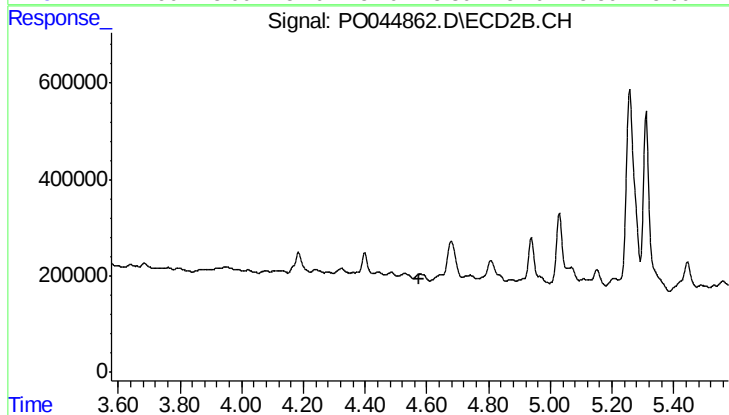
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 4.539 min  
Response: 0  
Conc: N.D.



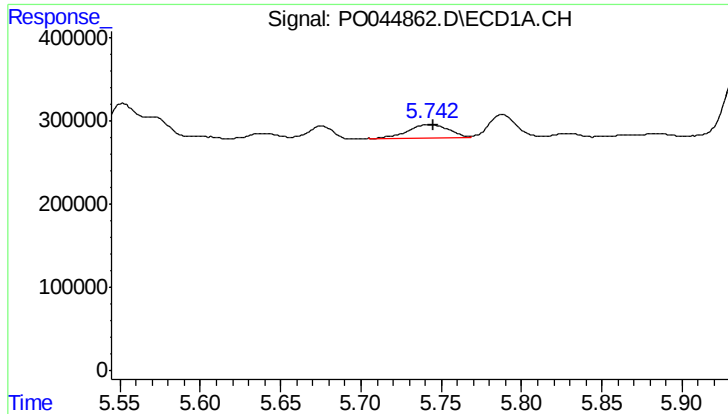
#5 AR-1016-3

R.T.: 5.285 min  
Delta R.T.: -0.042 min  
Response: 548243  
Conc: 130.41 ng/ml



#5 AR-1016-3

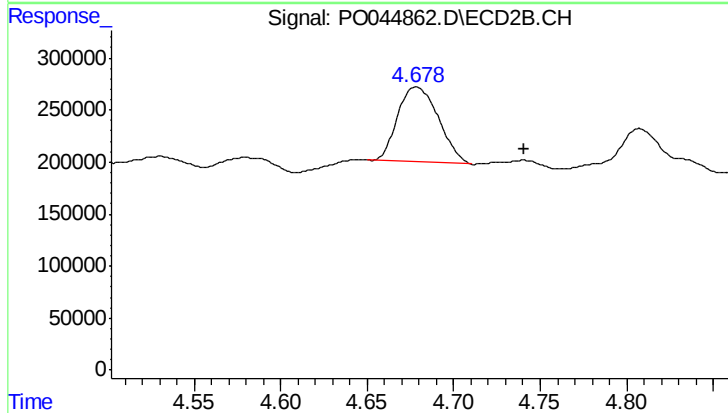
R.T.: 0.000 min  
Exp R.T.: 4.577 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

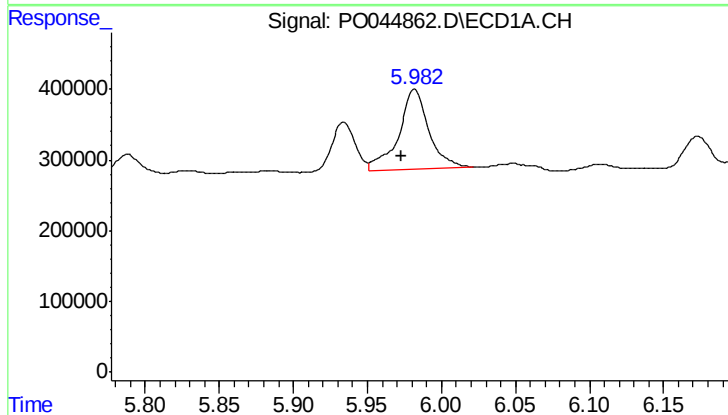
R.T.: 5.743 min  
Delta R.T.: -0.002 min  
Response: 298797  
Conc: 67.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



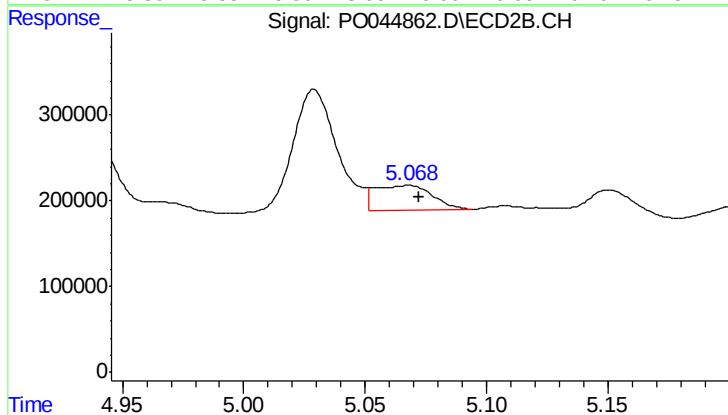
#6 AR-1016-4

R.T.: 4.678 min  
Delta R.T.: -0.063 min  
Response: 1184577  
Conc: 167.91 ng/ml



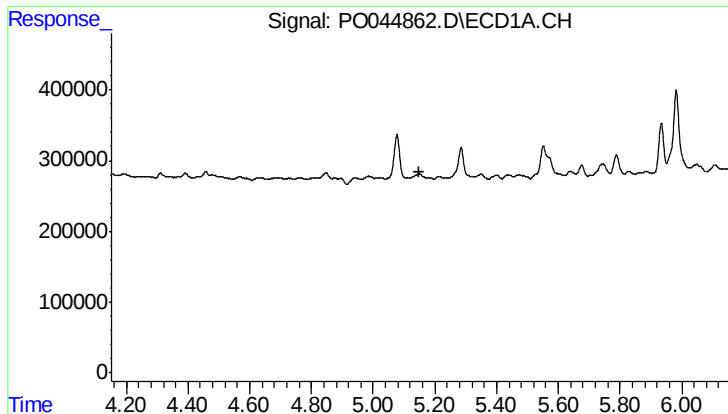
#7 AR-1016-5

R.T.: 5.982 min  
Delta R.T.: 0.009 min  
Response: 1568569  
Conc: 402.12 ng/ml



#7 AR-1016-5

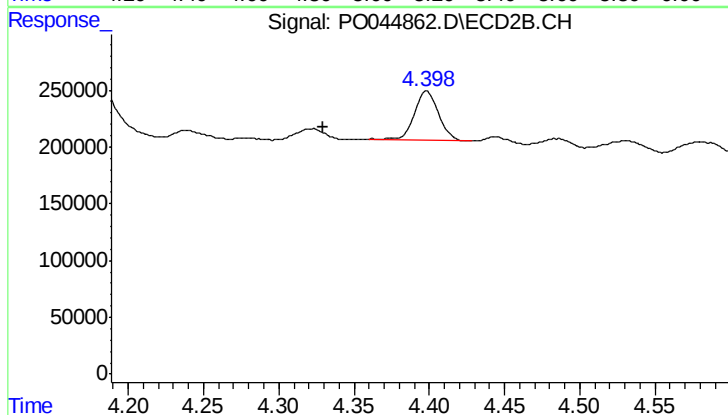
R.T.: 5.068 min  
Delta R.T.: -0.005 min  
Response: 477981  
Conc: 64.77 ng/ml



#12 AR-1232-2

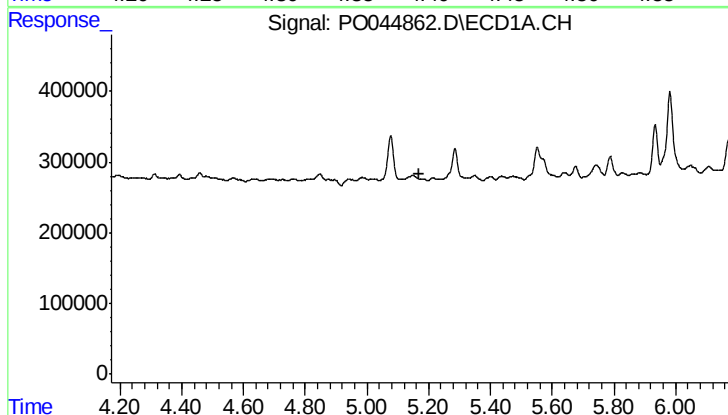
R.T.: 0.000 min  
Exp R.T.: 5.151 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



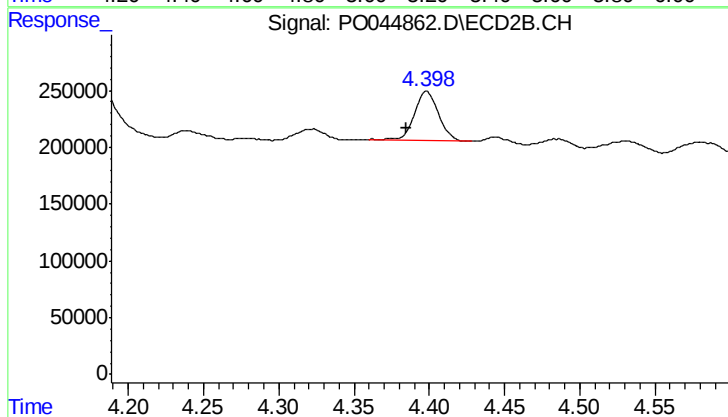
#12 AR-1232-2

R.T.: 4.398 min  
Delta R.T.: 0.069 min  
Response: 473334  
Conc: 44.46 ng/ml



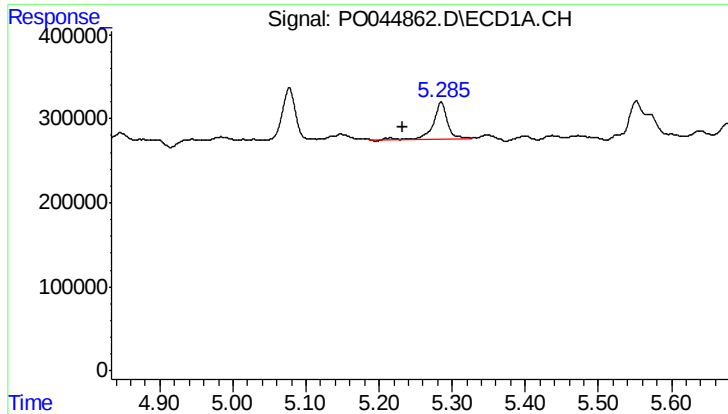
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.172 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

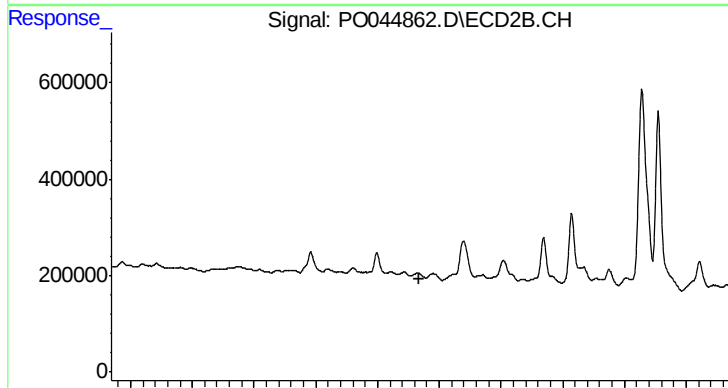
R.T.: 4.398 min  
Delta R.T.: 0.013 min  
Response: 473334  
Conc: 108.64 ng/ml



#14 AR-1232-4

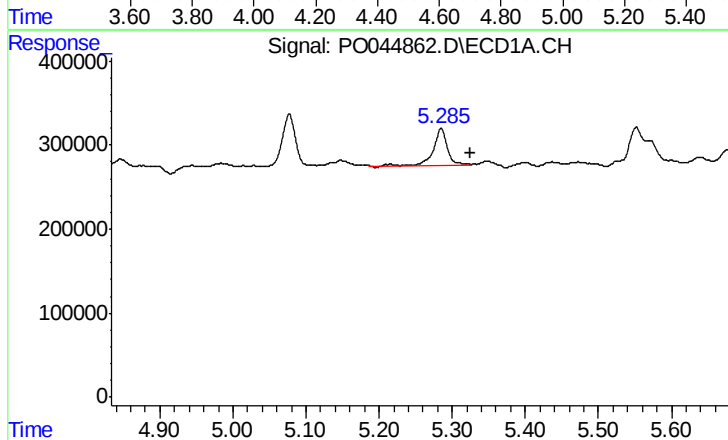
R.T.: 5.285 min  
Delta R.T.: 0.054 min  
Response: 548243  
Conc: 203.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



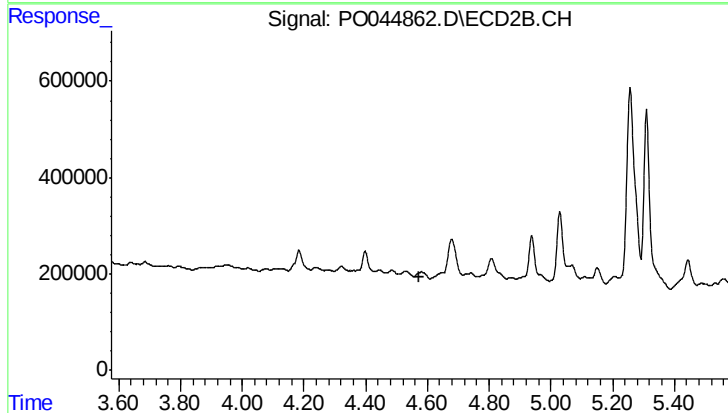
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 4.537 min  
Response: 0  
Conc: N.D.



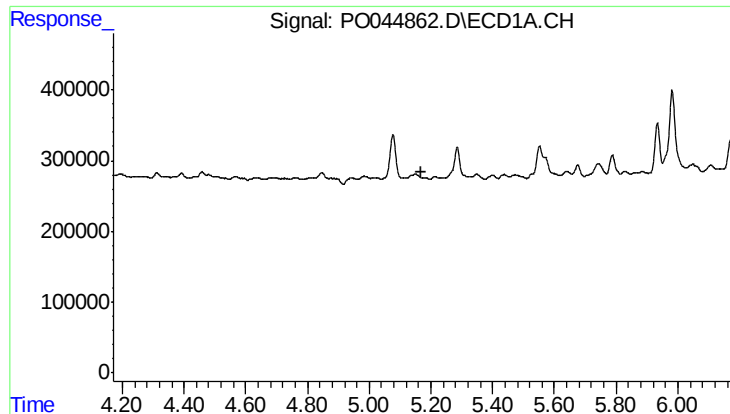
#15 AR-1232-5

R.T.: 5.285 min  
Delta R.T.: -0.041 min  
Response: 548243  
Conc: 265.04 ng/ml



#15 AR-1232-5

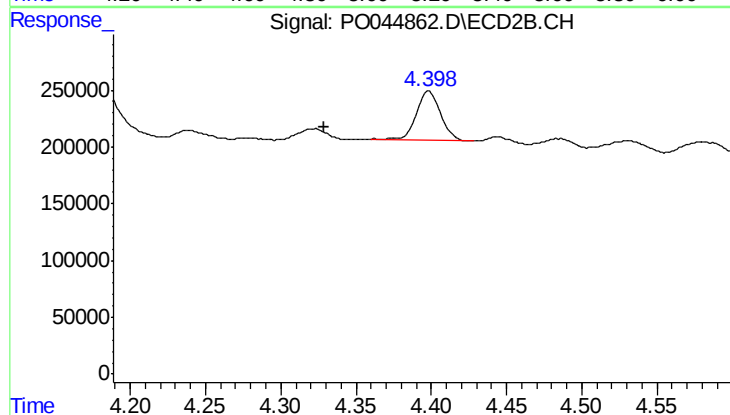
R.T.: 0.000 min  
Exp R.T.: 4.576 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

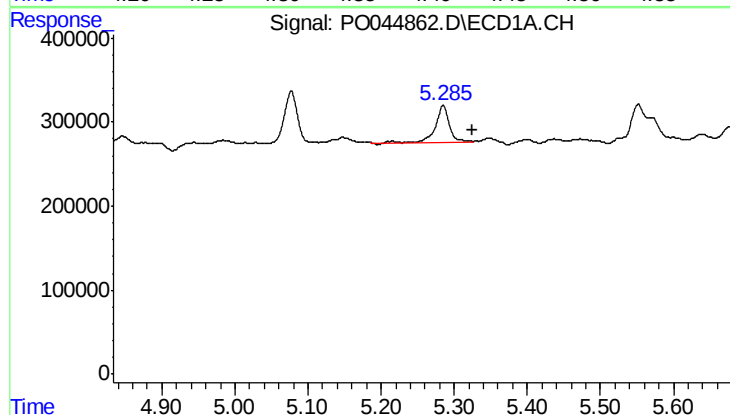
R.T.: 0.000 min  
Exp R.T.: 5.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



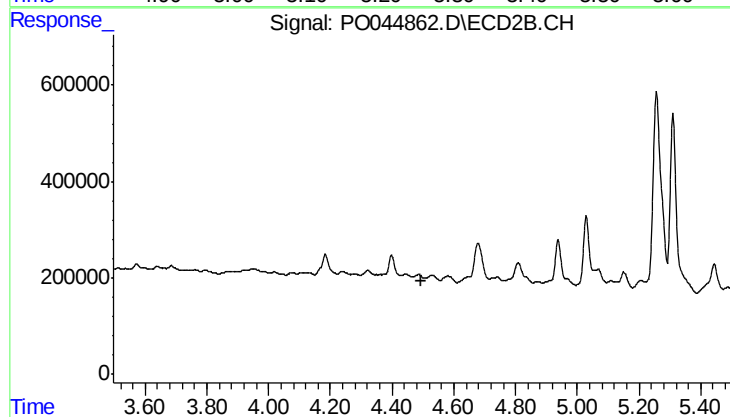
#17 AR-1242-2

R.T.: 4.398 min  
Delta R.T.: 0.069 min  
Response: 473334  
Conc: 25.81 ng/ml



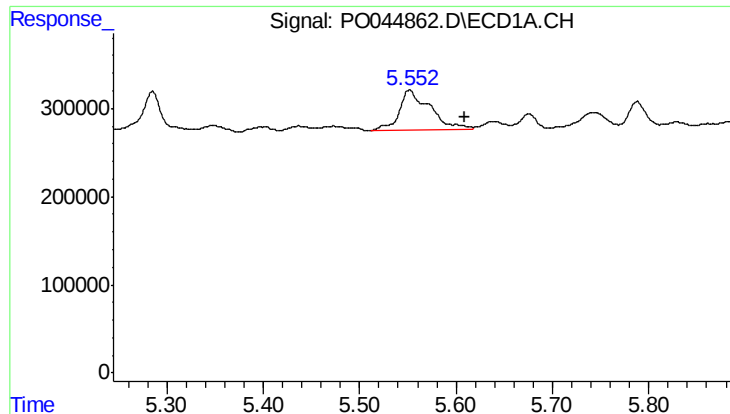
#18 AR-1242-3

R.T.: 5.285 min  
Delta R.T.: -0.040 min  
Response: 548243  
Conc: 160.68 ng/ml



#18 AR-1242-3

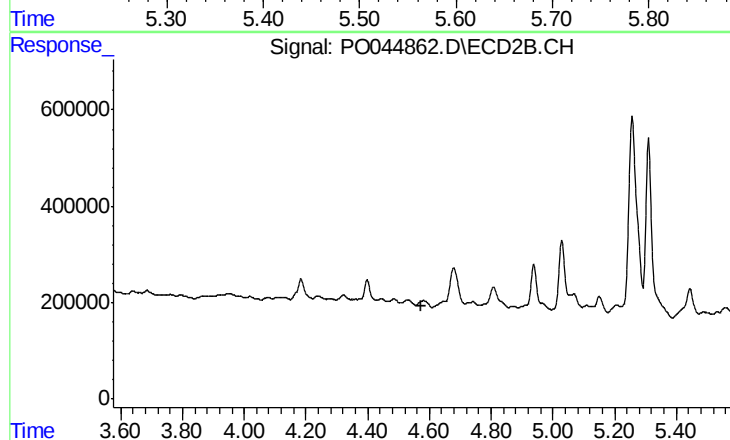
R.T.: 0.000 min  
Exp R.T.: 4.497 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

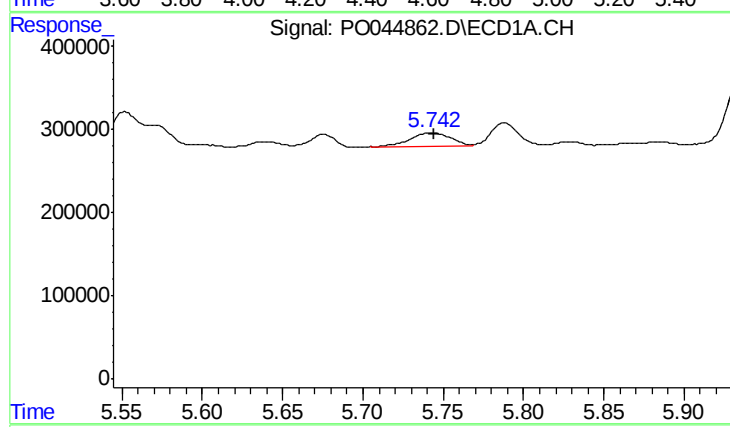
R.T.: 5.552 min  
Delta R.T.: -0.057 min  
Response: 1019999  
Conc: 310.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



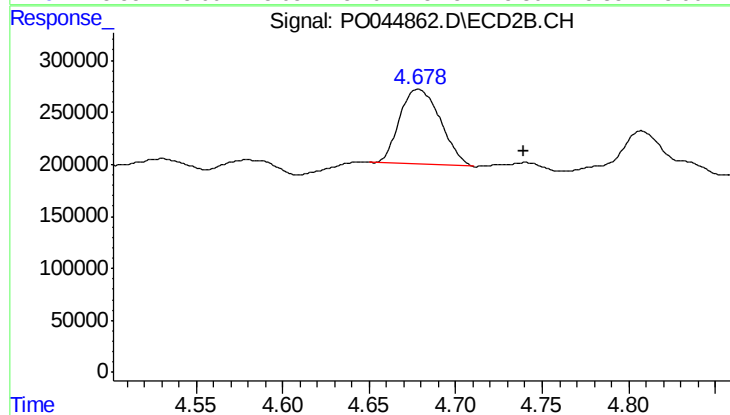
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 4.576 min  
Response: 0  
Conc: N.D.



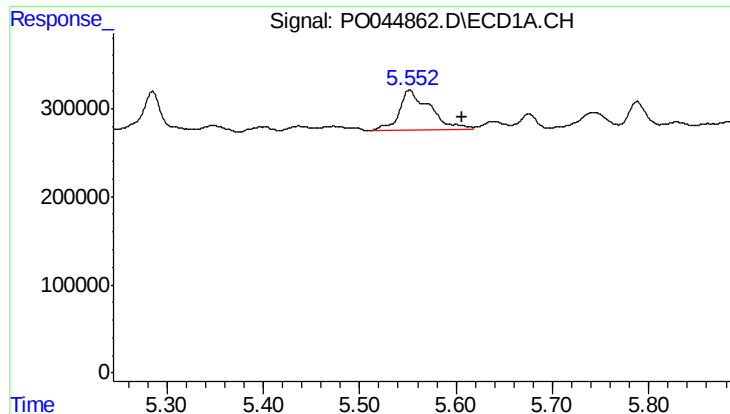
#20 AR-1242-5

R.T.: 5.743 min  
Delta R.T.: -0.002 min  
Response: 298797  
Conc: 82.21 ng/ml



#20 AR-1242-5

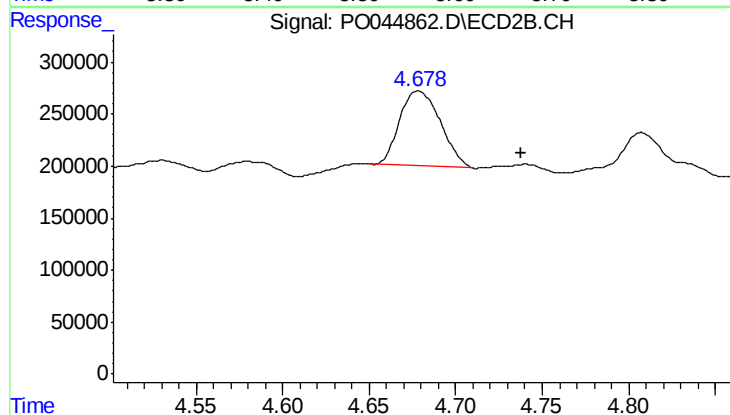
R.T.: 4.678 min  
Delta R.T.: -0.061 min  
Response: 1184577  
Conc: 172.97 ng/ml



#21 AR-1248-1

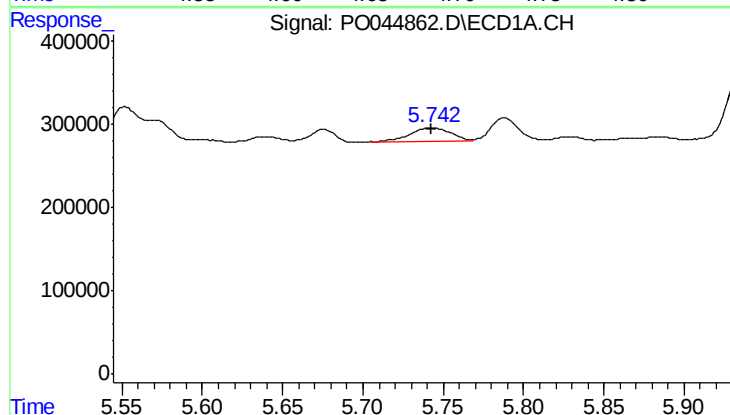
R.T.: 5.552 min  
Delta R.T.: -0.055 min  
Response: 1019999  
Conc: 187.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



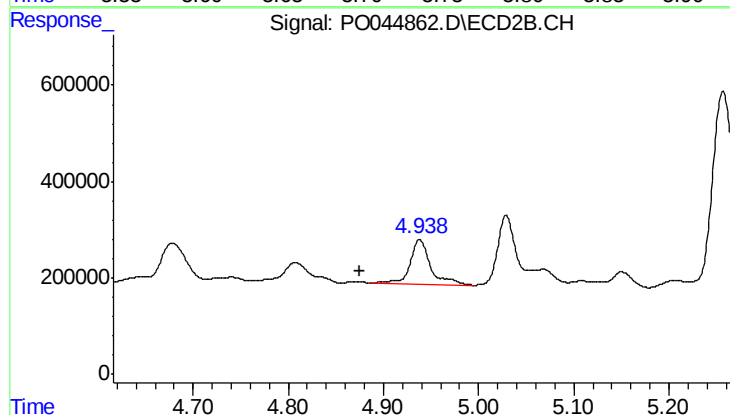
#21 AR-1248-1

R.T.: 4.678 min  
Delta R.T.: -0.059 min  
Response: 1184577  
Conc: 127.32 ng/ml



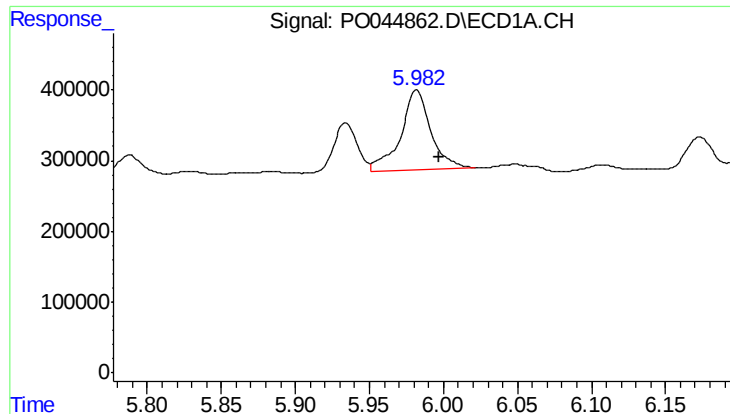
#22 AR-1248-2

R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 298797  
Conc: 62.72 ng/ml



#22 AR-1248-2

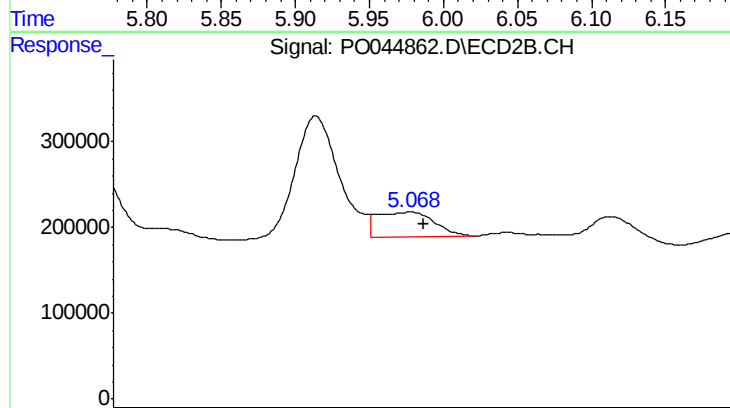
R.T.: 4.938 min  
Delta R.T.: 0.063 min  
Response: 1360075  
Conc: 162.09 ng/ml



#23 AR-1248-3

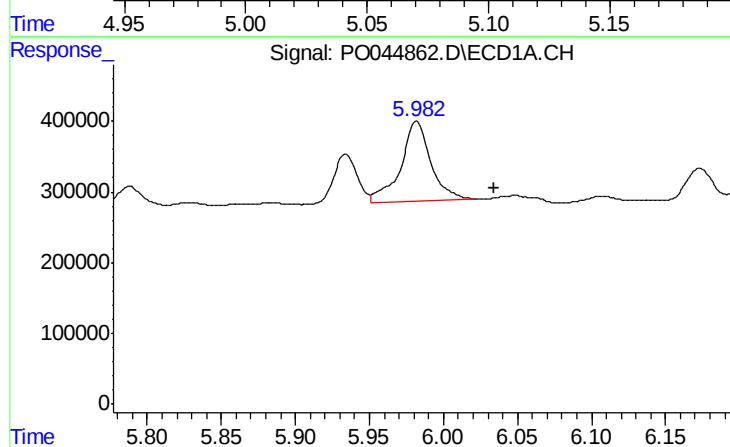
R.T.: 5.982 min  
Delta R.T.: -0.016 min  
Response: 1568569  
Conc: 233.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



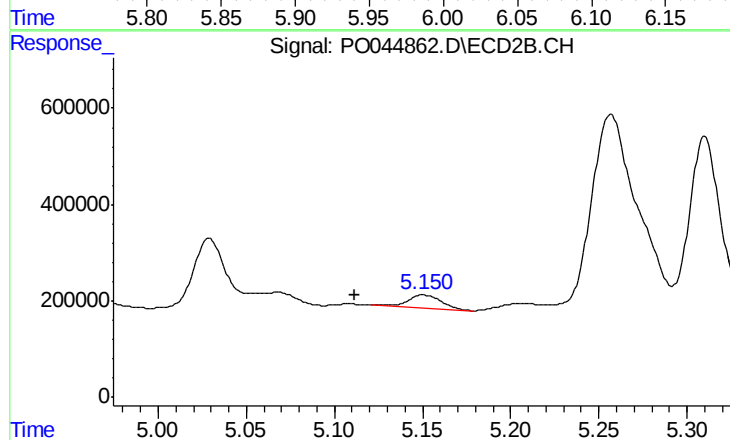
#23 AR-1248-3

R.T.: 5.068 min  
Delta R.T.: -0.005 min  
Response: 477981  
Conc: 33.42 ng/ml



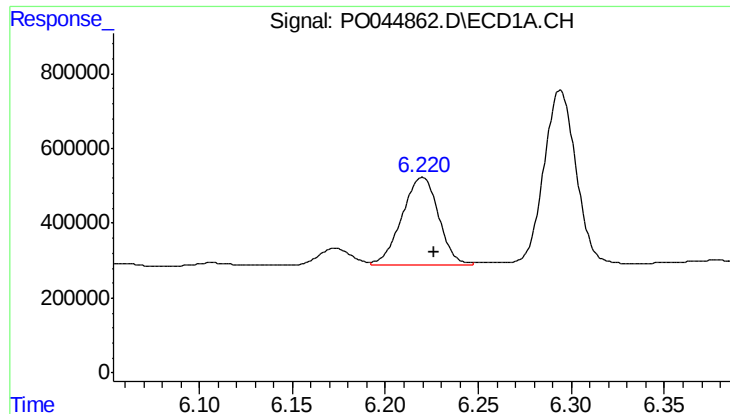
#24 AR-1248-4

R.T.: 5.982 min  
Delta R.T.: -0.052 min  
Response: 1568569  
Conc: 223.46 ng/ml



#24 AR-1248-4

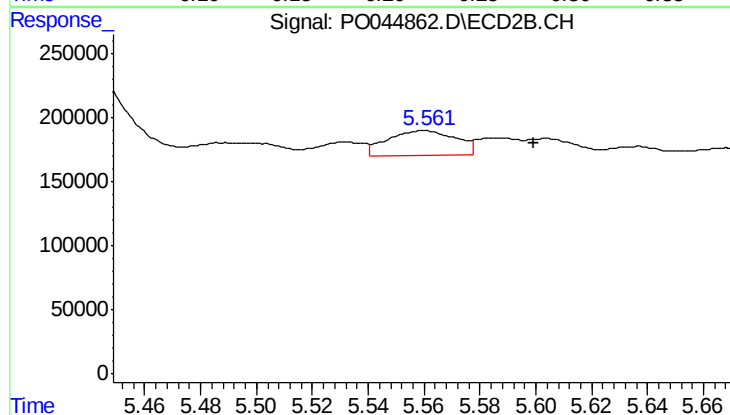
R.T.: 5.150 min  
Delta R.T.: 0.038 min  
Response: 345886  
Conc: 26.37 ng/ml



#25 AR-1248-5

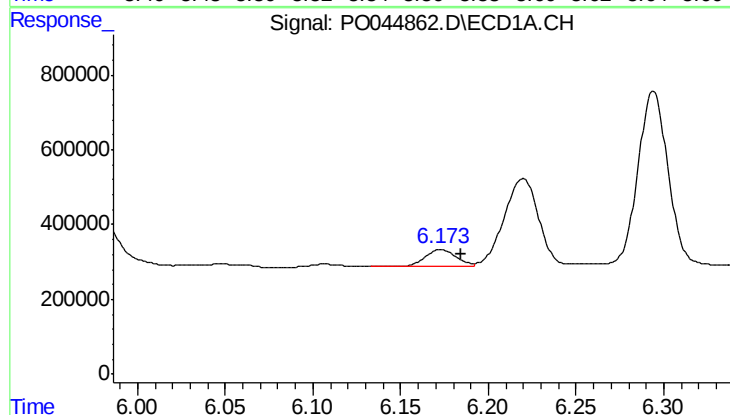
R.T.: 6.220 min  
Delta R.T.: -0.006 min  
Response: 3187354  
Conc: 725.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



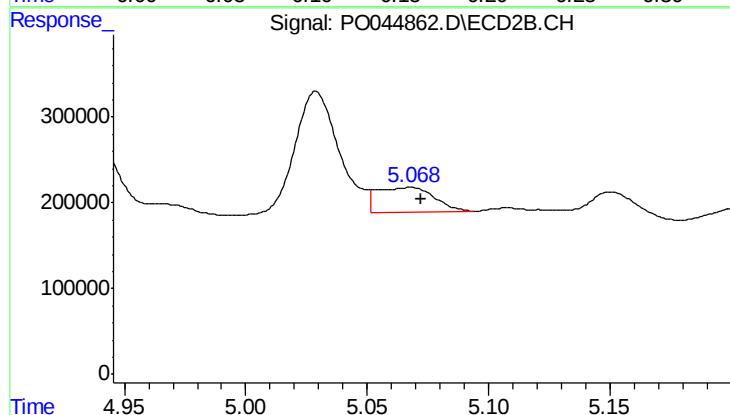
#25 AR-1248-5

R.T.: 5.560 min  
Delta R.T.: -0.039 min  
Response: 323821  
Conc: 45.48 ng/ml



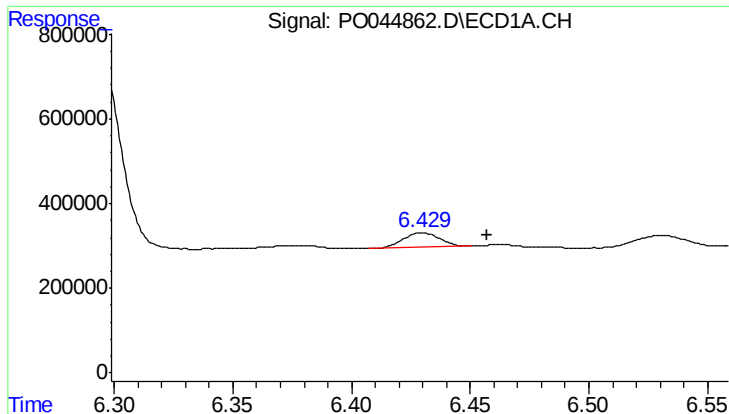
#26 AR-1254-1

R.T.: 6.173 min  
Delta R.T.: -0.012 min  
Response: 544123  
Conc: 50.40 ng/ml



#26 AR-1254-1

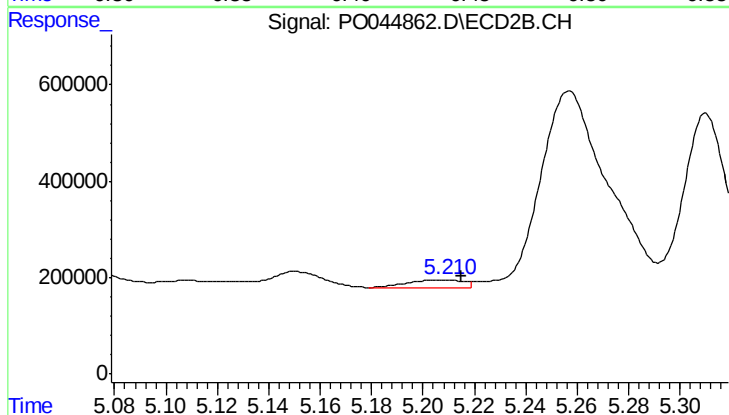
R.T.: 5.068 min  
Delta R.T.: -0.004 min  
Response: 477981  
Conc: 29.55 ng/ml



#27 AR-1254-2

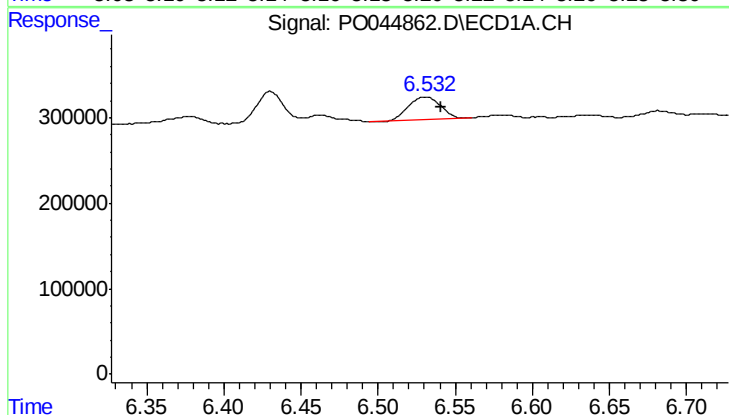
R.T.: 6.430 min  
Delta R.T.: -0.027 min  
Response: 373244  
Conc: 51.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



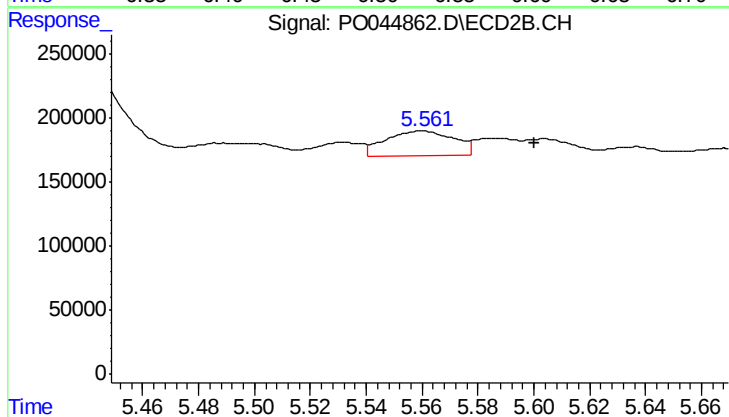
#27 AR-1254-2

R.T.: 5.206 min  
Delta R.T.: -0.009 min  
Response: 258803  
Conc: 18.37 ng/ml



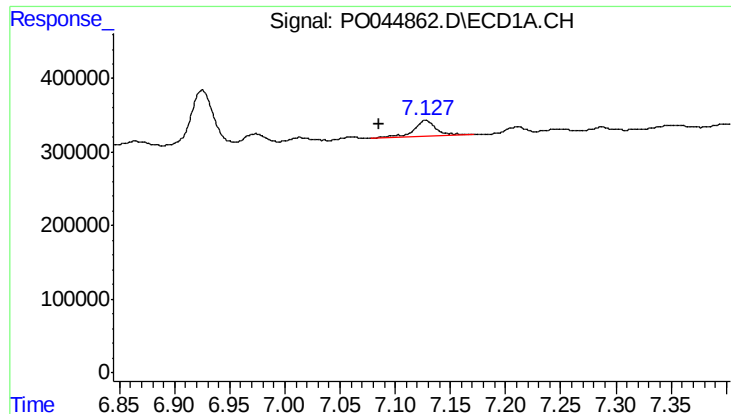
#28 AR-1254-3

R.T.: 6.531 min  
Delta R.T.: -0.010 min  
Response: 387707  
Conc: 31.27 ng/ml



#28 AR-1254-3

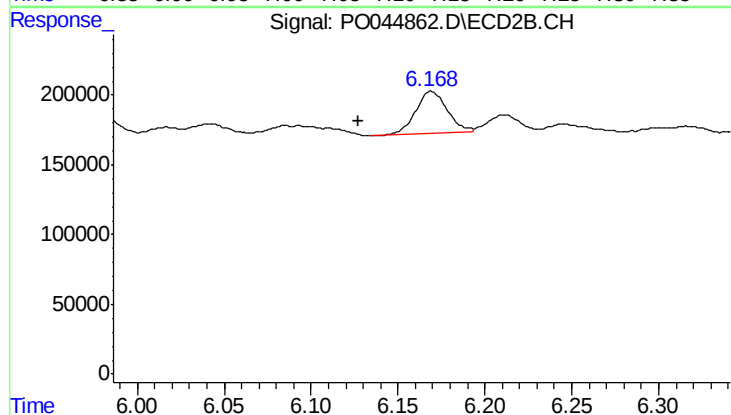
R.T.: 5.560 min  
Delta R.T.: -0.040 min  
Response: 323821  
Conc: 13.85 ng/ml



#30 AR-1254-5

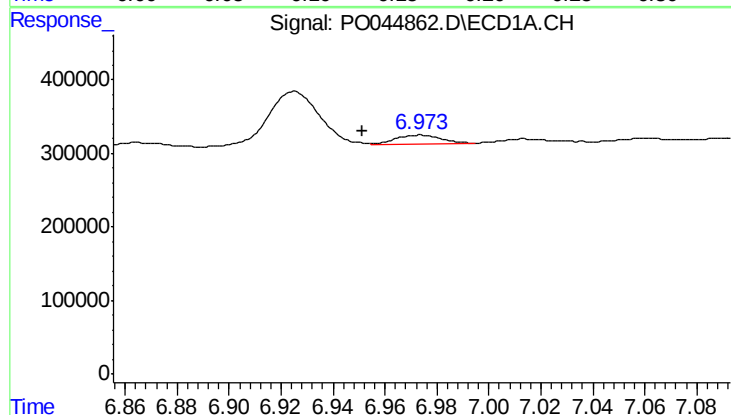
R.T.: 7.128 min  
Delta R.T.: 0.042 min  
Response: 320495  
Conc: 41.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



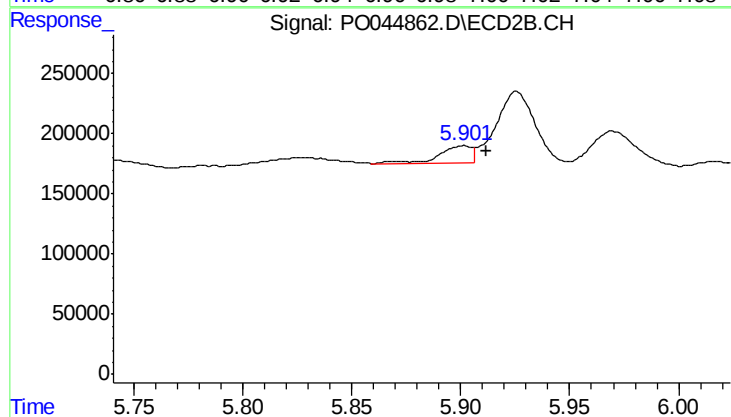
#30 AR-1254-5

R.T.: 6.169 min  
Delta R.T.: 0.042 min  
Response: 386992  
Conc: 35.24 ng/ml



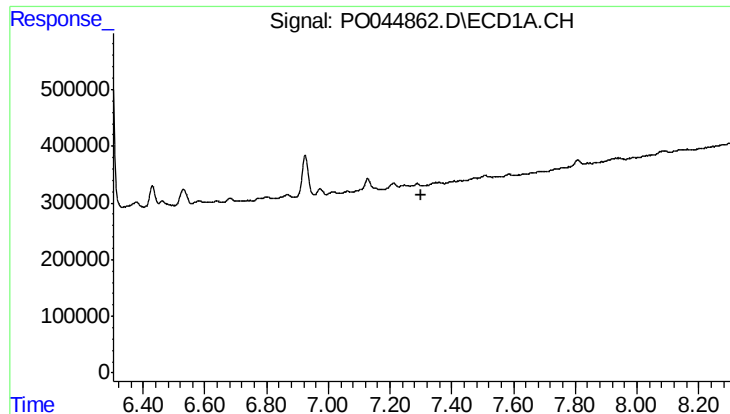
#32 AR-1260-2

R.T.: 6.974 min  
Delta R.T.: 0.022 min  
Response: 140216  
Conc: 11.06 ng/ml



#32 AR-1260-2

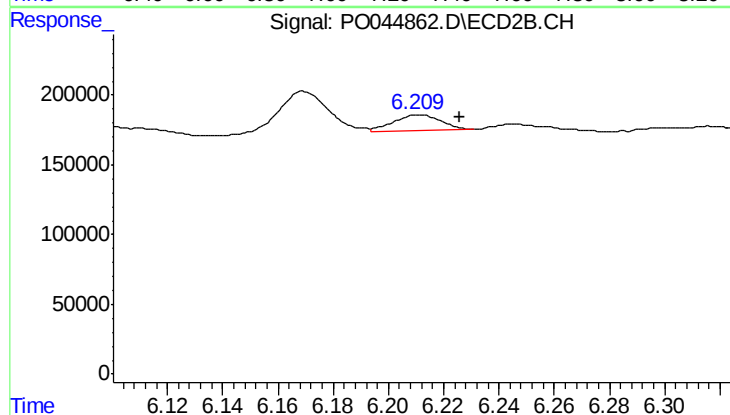
R.T.: 5.901 min  
Delta R.T.: -0.010 min  
Response: 142703  
Conc: 6.57 ng/ml



#33 AR-1260-3

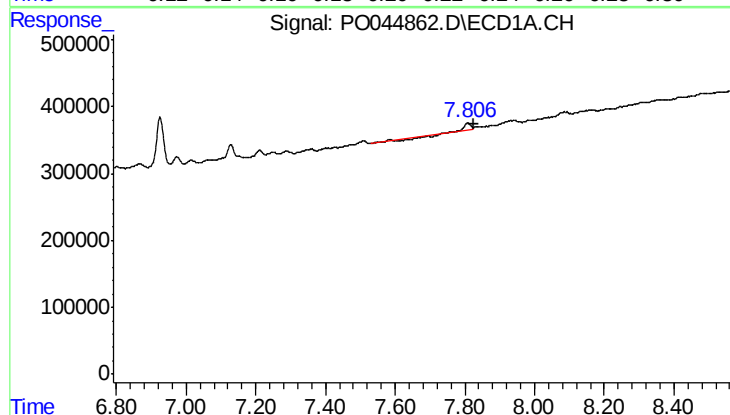
R.T.: 0.000 min  
Exp R.T.: 7.303 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



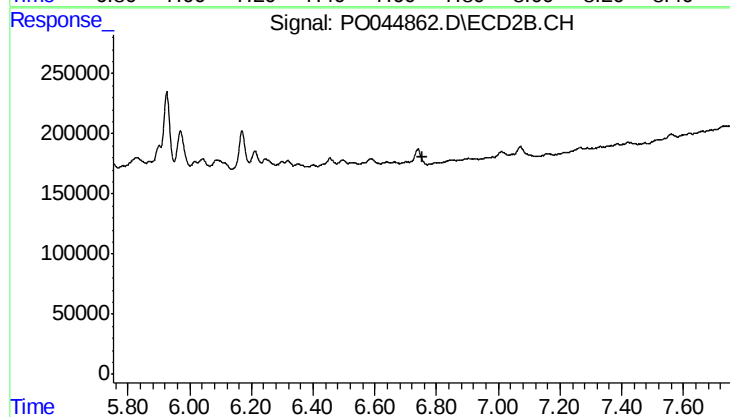
#33 AR-1260-3

R.T.: 6.211 min  
Delta R.T.: -0.015 min  
Response: 133666  
Conc: 6.22 ng/ml



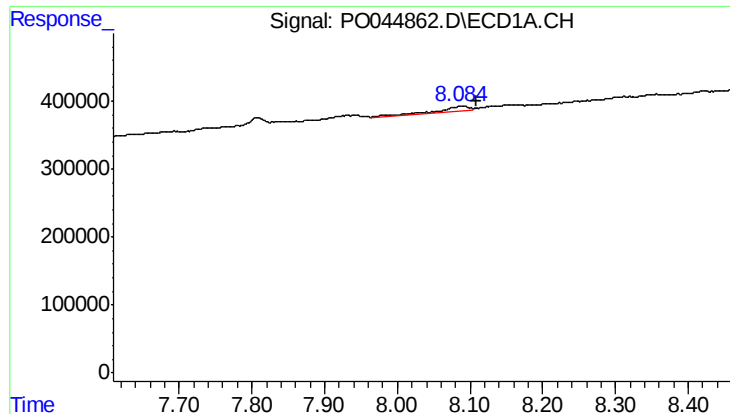
#34 AR-1260-4

R.T.: 7.807 min  
Delta R.T.: -0.018 min  
Response: 36003  
Conc: 1.52 ng/ml



#34 AR-1260-4

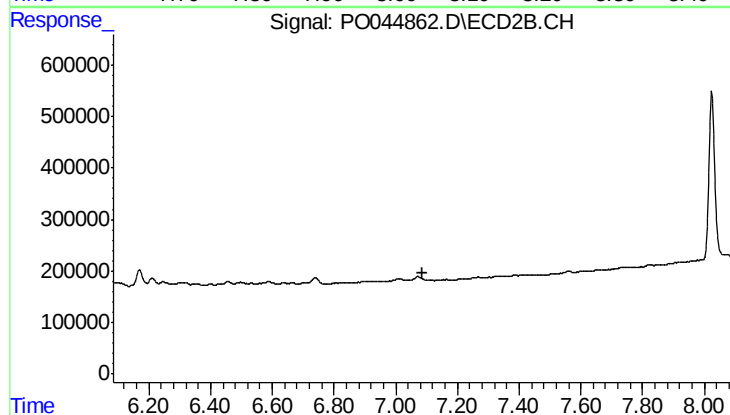
R.T.: 0.000 min  
Exp R.T.: 6.753 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

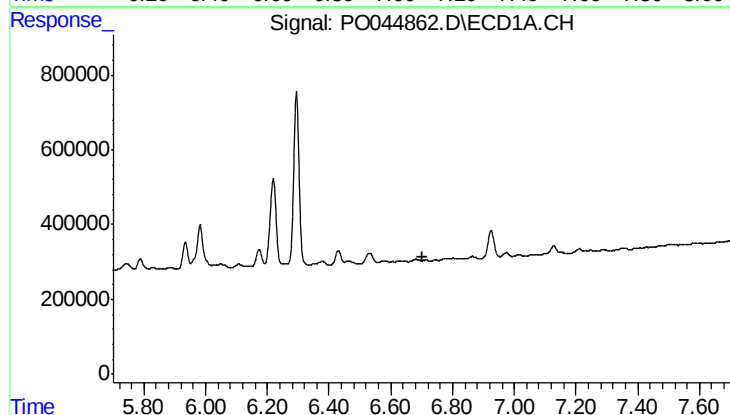
R.T.: 8.093 min  
Delta R.T.: -0.016 min  
Response: 192329  
Conc: 13.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



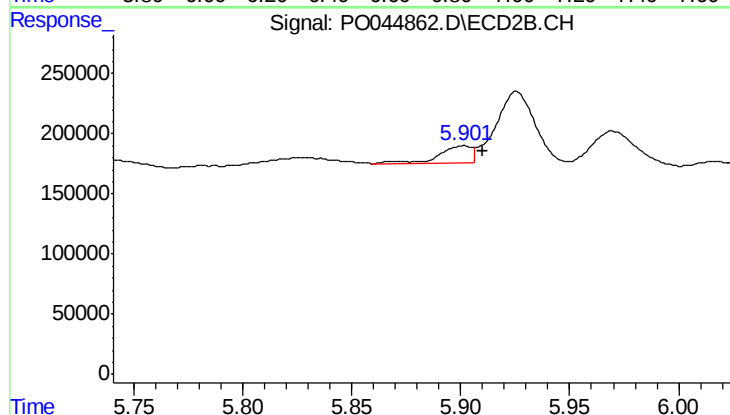
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 7.085 min  
Response: 0  
Conc: N.D.



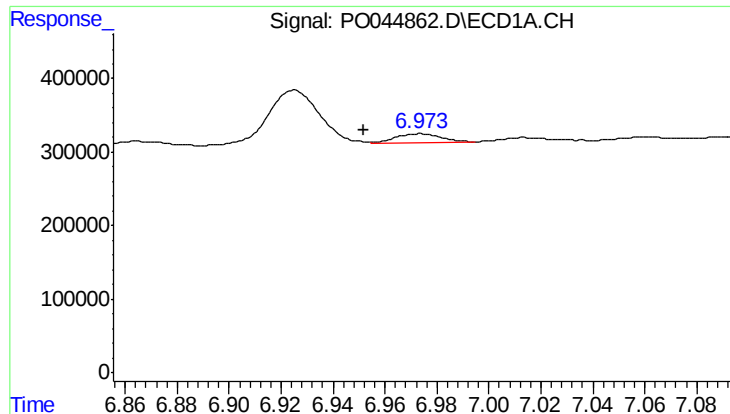
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.701 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

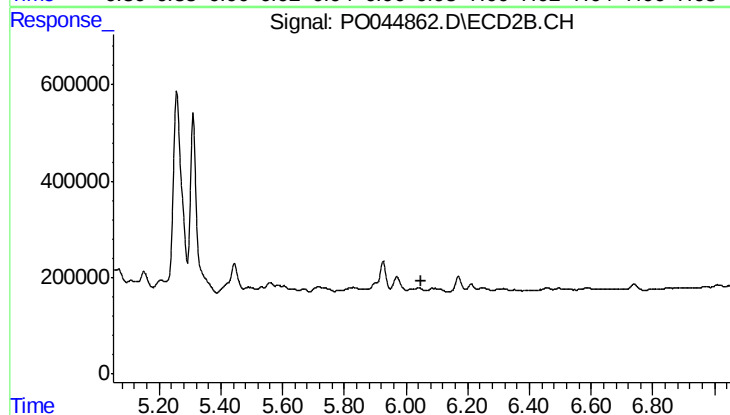
R.T.: 5.901 min  
Delta R.T.: -0.009 min  
Response: 142703  
Conc: 7.95 ng/ml



#37 AR-1262-2

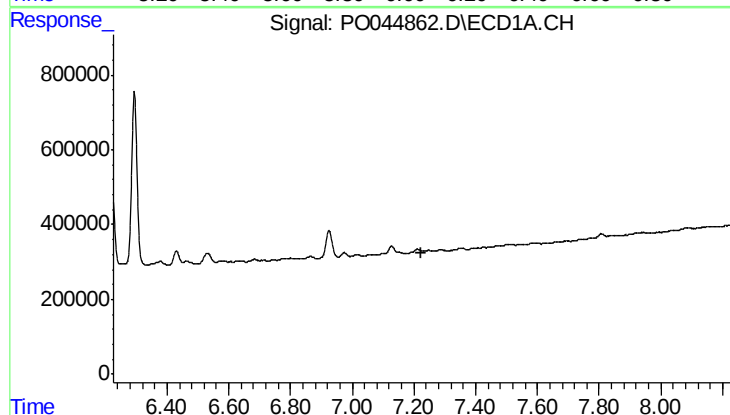
R.T.: 6.974 min  
Delta R.T.: 0.022 min  
Response: 140216  
Conc: 13.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



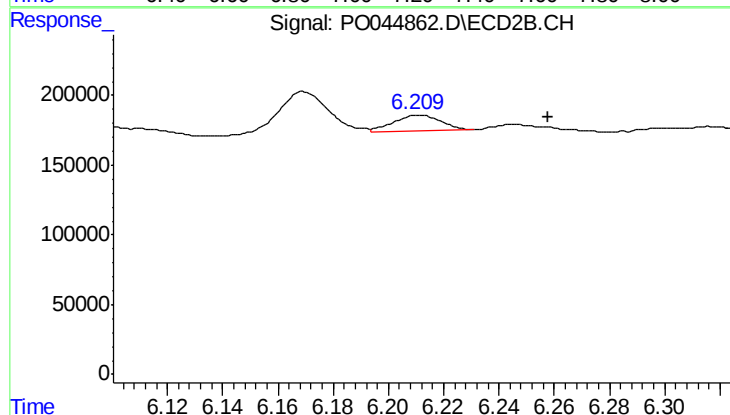
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 6.052 min  
Response: 0  
Conc: N.D.



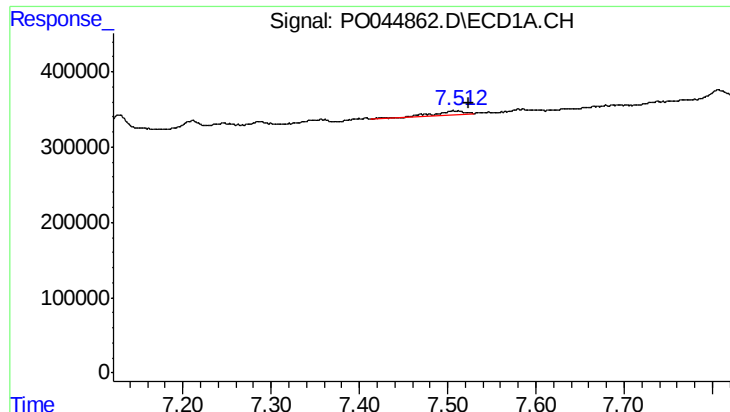
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 7.226 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

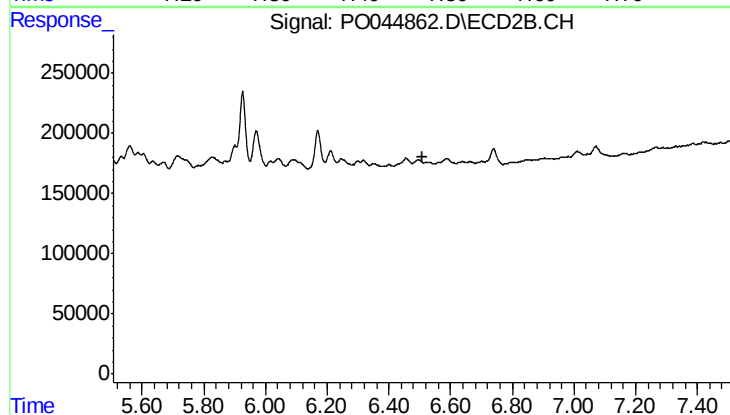
R.T.: 6.211 min  
Delta R.T.: -0.046 min  
Response: 133666  
Conc: 4.51 ng/ml



#39 AR-1262-4

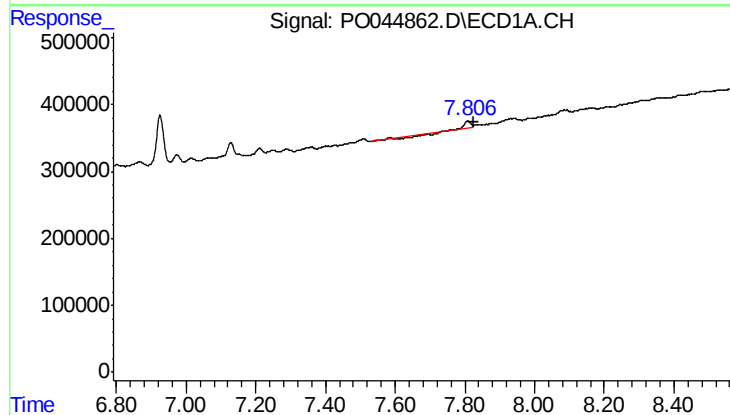
R.T.: 7.508 min  
Delta R.T.: -0.017 min  
Response: 96035  
Conc: 6.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



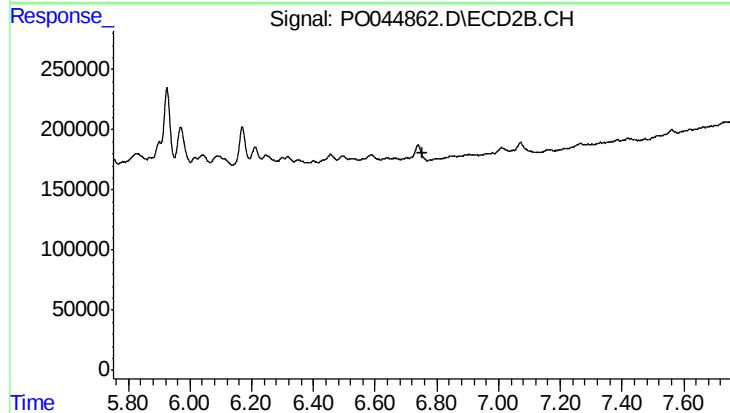
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 6.507 min  
Response: 0  
Conc: N.D.



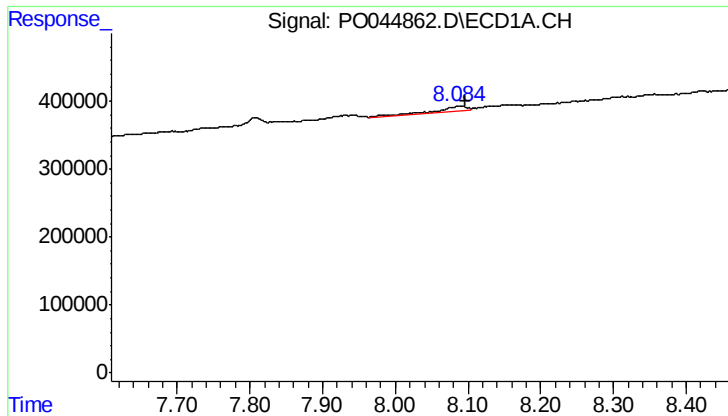
#40 AR-1262-5

R.T.: 7.807 min  
Delta R.T.: -0.018 min  
Response: 36003  
Conc: 1.18 ng/ml



#40 AR-1262-5

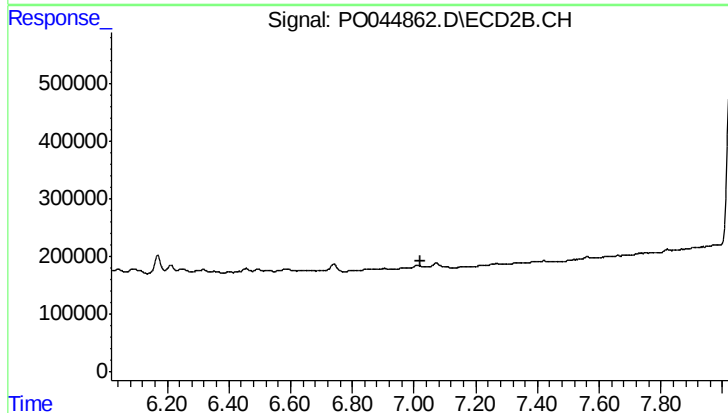
R.T.: 0.000 min  
Exp R.T.: 6.752 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

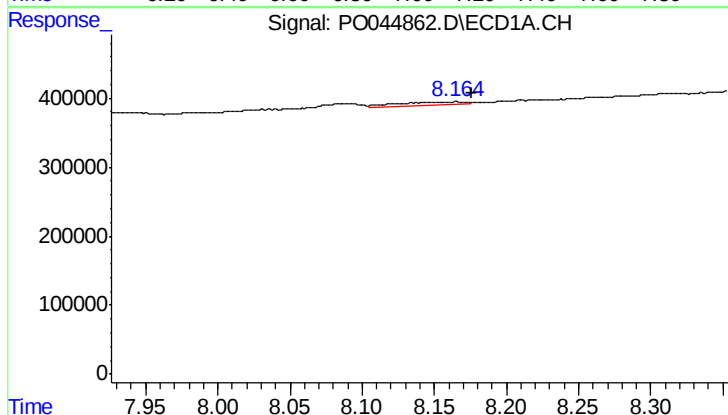
R.T.: 8.093 min  
Delta R.T.: -0.004 min  
Response: 192329  
Conc: 5.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



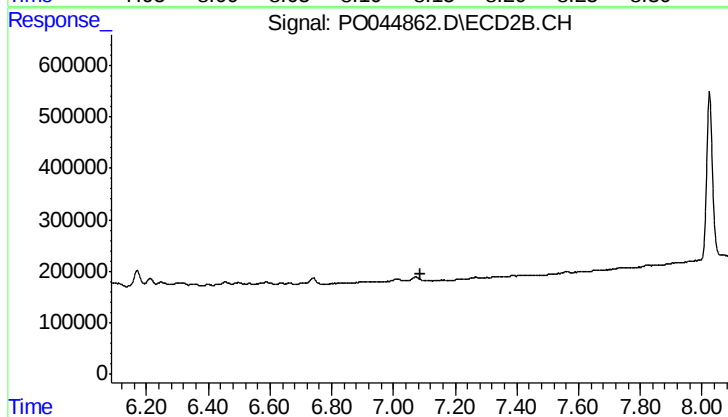
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.



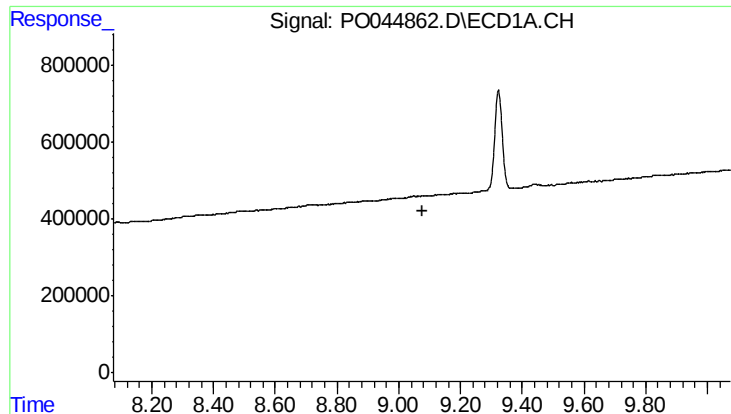
#42 AR-1268-2

R.T.: 8.165 min  
Delta R.T.: -0.011 min  
Response: 135494  
Conc: 4.54 ng/ml



#42 AR-1268-2

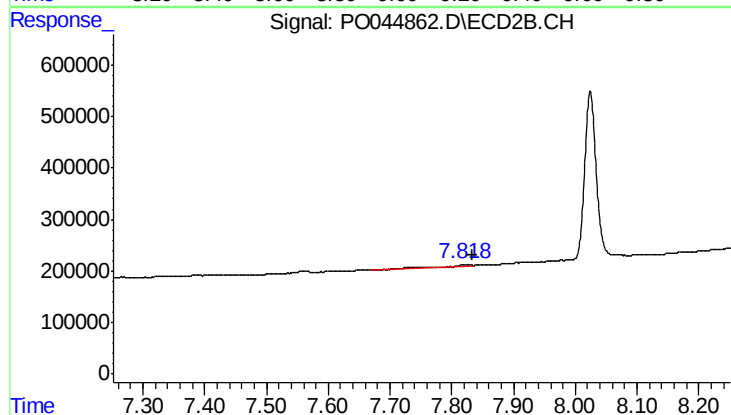
R.T.: 0.000 min  
Exp R.T.: 7.086 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.075 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-051718



#45 AR-1268-5

R.T.: 7.820 min  
Delta R.T.: -0.014 min  
Response: 69576  
Conc: 0.53 ng/ml