

Data Path : P:\HPCHEM1\ECD\_0\Data\P0042318\  
 Data File : P0044022.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Apr 2018 10:24  
 Operator : SM/UA  
 Sample : J2161-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 SU-01-041818

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 11:33:39 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...          | 4.063 | 3.319 | 5208425 | 6551704 | 29.297  | 24.384    |
| 2) SA Decachlor...          | 9.412 | 8.073 | 3597743 | 3160809 | 19.964  | 13.482 #  |
| Target Compounds            |       |       |         |         |         |           |
| 3) L1 AR-1016-1             | 4.892 | 4.134 | 2028680 | 824945  | 460.096 | 120.990 # |
| 4) L1 AR-1016-2             | 0.000 | 4.567 | 0       | 726412  | N.D.    | 124.657 # |
| 5) L1 AR-1016-3             | 0.000 | 4.619 | 0       | 428498  | N.D.    | 60.737 #  |
| 6) L1 AR-1016-4             | 0.000 | 4.710 | 0       | 822661  | N.D.    | 106.564 # |
| 7) L1 AR-1016-5             | 0.000 | 5.066 | 0       | 677135  | N.D.    | 90.929 #  |
| 9) L2 AR-1221-2             | 0.000 | 3.602 | 0       | 1169892 | N.D.    | 333.853 # |
| 12) L3 AR-1232-2            | 5.127 | 4.348 | 481075  | 1767467 | 165.022 | 147.971   |
| 13) L3 AR-1232-3            | 0.000 | 4.409 | 0       | 840735  | N.D.    | 161.714 # |
| 14) L3 AR-1232-4            | 0.000 | 4.567 | 0       | 726412  | N.D.    | 179.855 # |
| 15) L3 AR-1232-5            | 0.000 | 4.567 | 0       | 726412  | N.D.    | 247.479 # |
| 16) L4 AR-1242-1            | 0.000 | 4.134 | 0       | 824945  | N.D.    | 140.471 # |
| 17) L4 AR-1242-2            | 0.000 | 4.348 | 0       | 1767467 | N.D.    | 85.883 #  |
| 18) L4 AR-1242-3            | 0.000 | 4.567 | 0       | 726412  | N.D.    | 114.563 # |
| 19) L4 AR-1242-4            | 0.000 | 4.619 | 0       | 428498  | N.D.    | 70.178 #  |
| 20) L4 AR-1242-5            | 0.000 | 4.710 | 0       | 822661  | N.D.    | 127.922 # |
| 21) L5 AR-1248-1            | 0.000 | 4.710 | 0       | 822661  | N.D.    | 71.191 #  |
| 23) L5 AR-1248-3            | 0.000 | 5.066 | 0       | 677135  | N.D.    | 38.578 #  |
| 25) L5 AR-1248-5            | 6.276 | 5.647 | 346251  | 2277988 | 61.491  | 233.718 # |
| 26) L6 AR-1254-1            | 6.221 | 5.066 | 1056839 | 677135  | 70.474  | 31.115 #  |
| 27) L6 AR-1254-2            | 6.483 | 5.265 | 3659323 | 1735620 | 385.404 | 89.547 #  |
| 28) L6 AR-1254-3            | 6.590 | 5.647 | 539920  | 2277988 | 32.716  | 71.954 #  |
| 29) L6 AR-1254-4            | 6.915 | 5.848 | 220627  | 744715  | 16.196  | 30.178 #  |
| 31) L7 AR-1260-1            | 0.000 | 5.757 | 0       | 502986  | N.D.    | 30.094 #  |
| 32) L7 AR-1260-2            | 6.983 | 5.940 | 652084  | 465165  | 50.824  | 21.983 #  |
| 36) L8 AR-1262-1            | 0.000 | 5.940 | 0       | 465165  | N.D.    | 21.381 #  |
| 37) L8 AR-1262-2            | 6.983 | 0.000 | 652084  | 0       | 53.244  | N.D. #    |
| 39) L8 AR-1262-4            | 7.567 | 0.000 | 197152  | 0       | 13.180  | N.D. #    |
| -----                       |       |       |         |         |         |           |

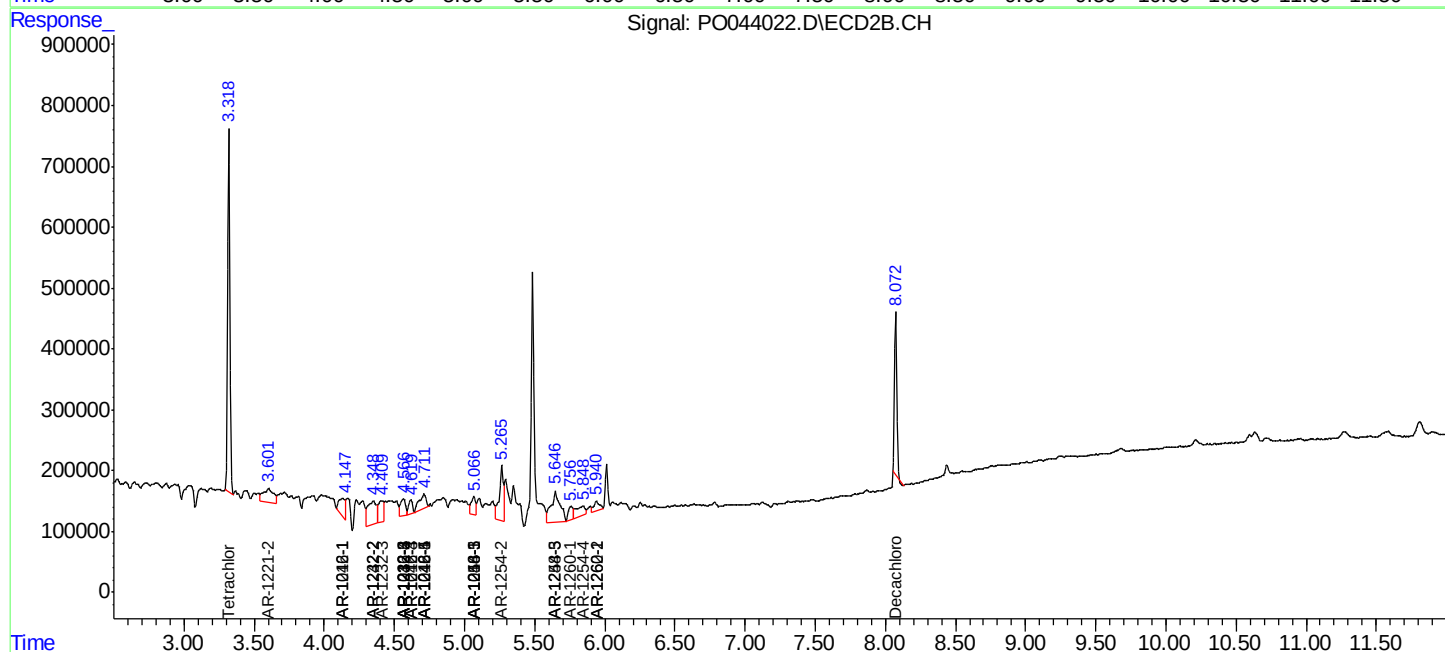
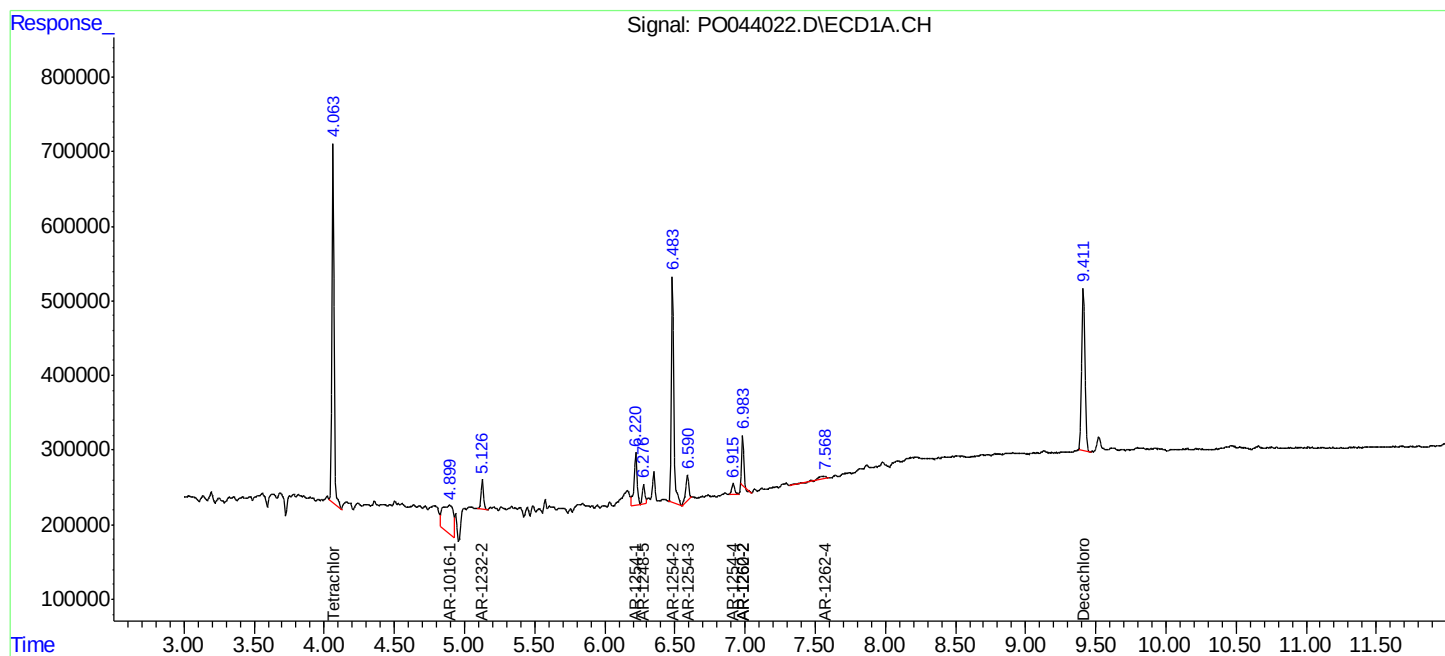
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

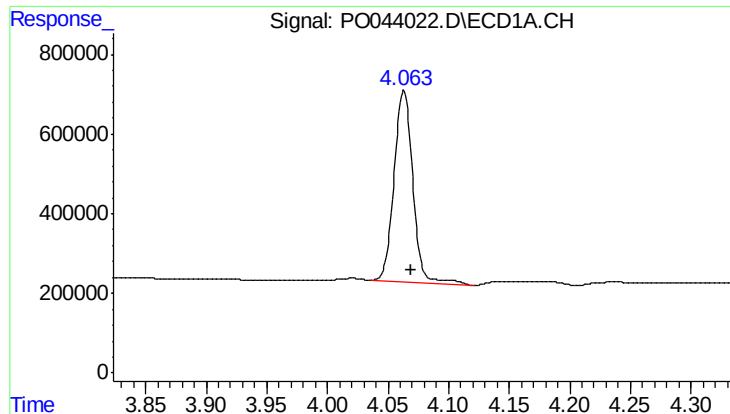
Data Path : P:\HPCHEM1\ECD\_0\Data\PO042318\  
Data File : PO044022.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Apr 2018 10:24  
Operator : SM/UA  
Sample : J2161-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 11:33:39 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

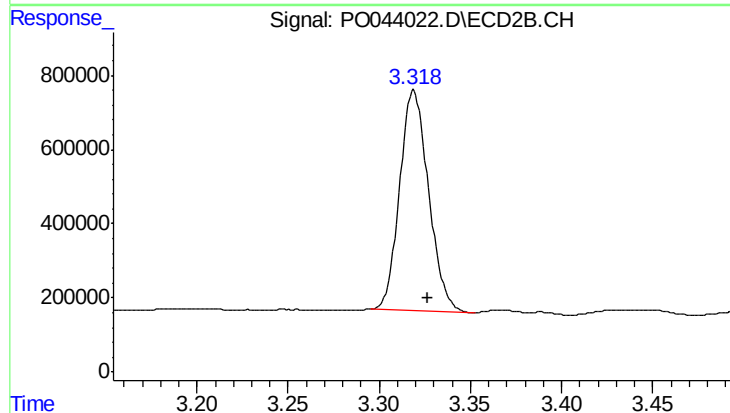




#1 Tetrachloro-m-xylene

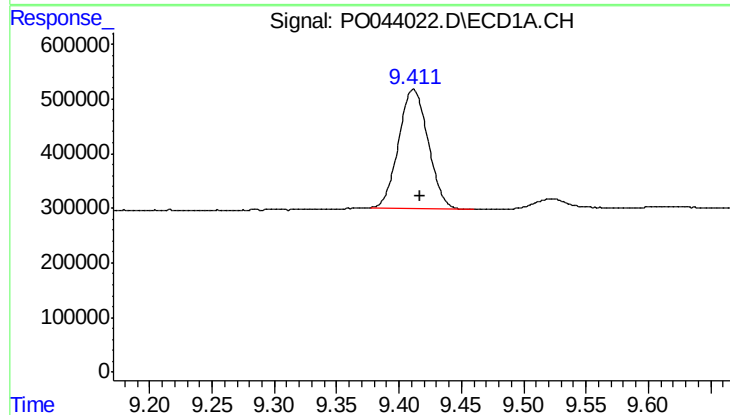
R.T.: 4.063 min  
Delta R.T.: -0.006 min  
Response: 5208425  
Conc: 29.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



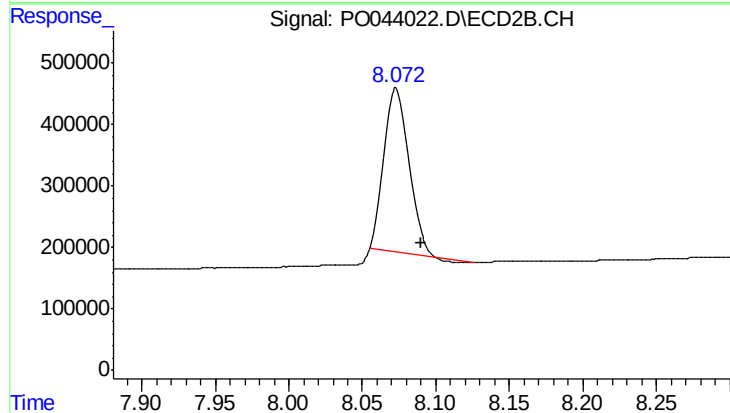
#1 Tetrachloro-m-xylene

R.T.: 3.319 min  
Delta R.T.: -0.007 min  
Response: 6551704  
Conc: 24.38 ng/ml



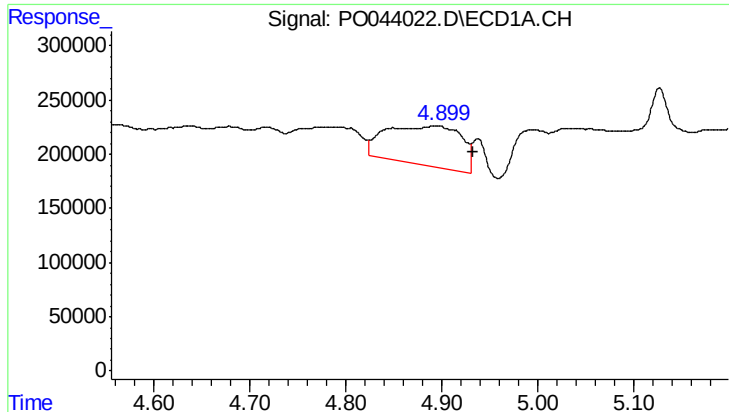
#2 Decachlorobiphenyl

R.T.: 9.412 min  
Delta R.T.: -0.005 min  
Response: 3597743  
Conc: 19.96 ng/ml



#2 Decachlorobiphenyl

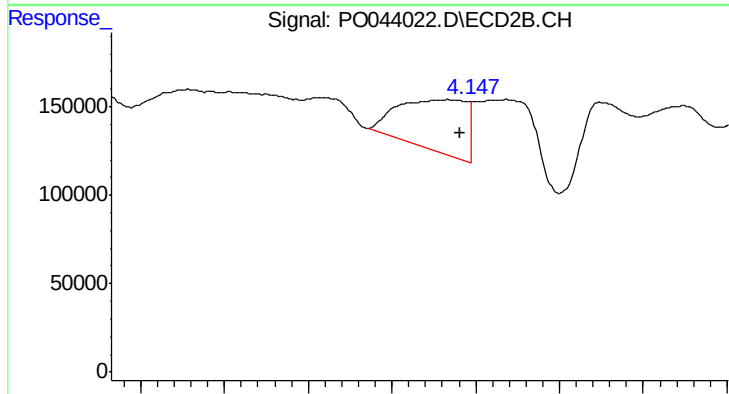
R.T.: 8.073 min  
Delta R.T.: -0.018 min  
Response: 3160809  
Conc: 13.48 ng/ml



#3 AR-1016-1

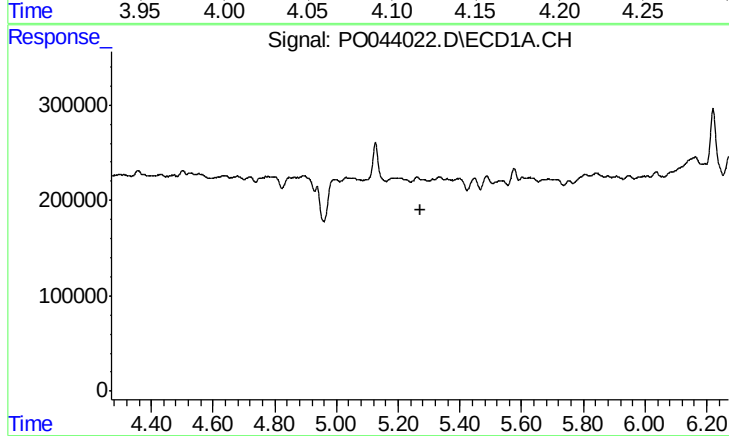
R.T.: 4.892 min  
Delta R.T.: -0.040 min  
Response: 2028680  
Conc: 460.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



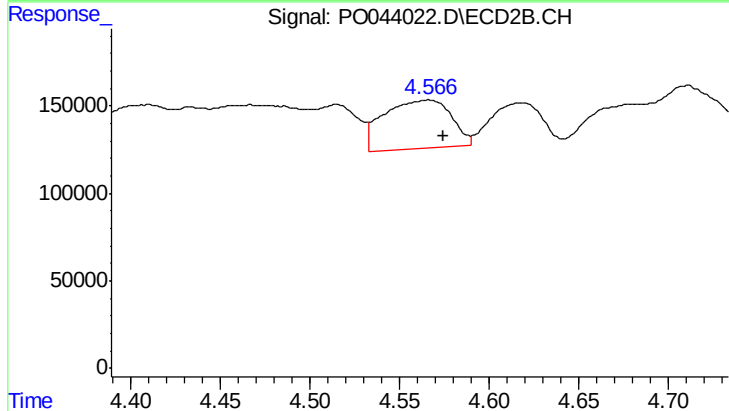
#3 AR-1016-1

R.T.: 4.134 min  
Delta R.T.: -0.008 min  
Response: 824945  
Conc: 120.99 ng/ml



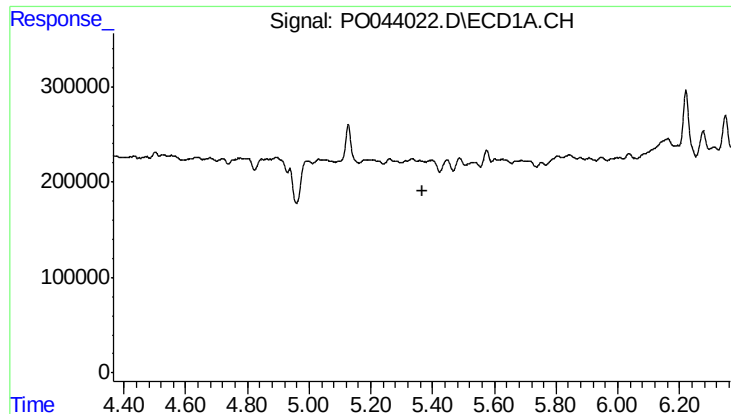
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.271 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

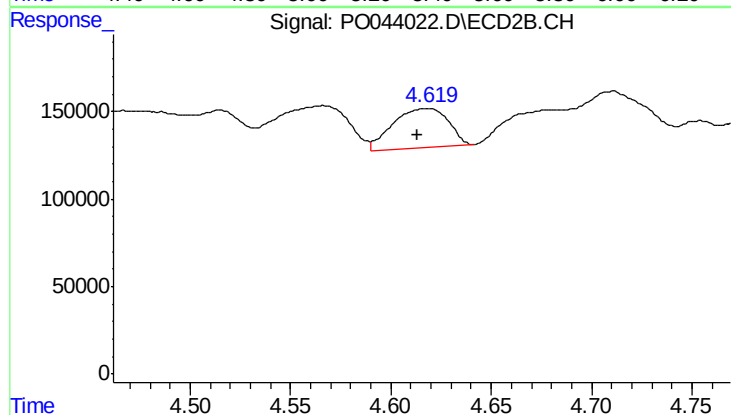
R.T.: 4.567 min  
Delta R.T.: -0.008 min  
Response: 726412  
Conc: 124.66 ng/ml



#5 AR-1016-3

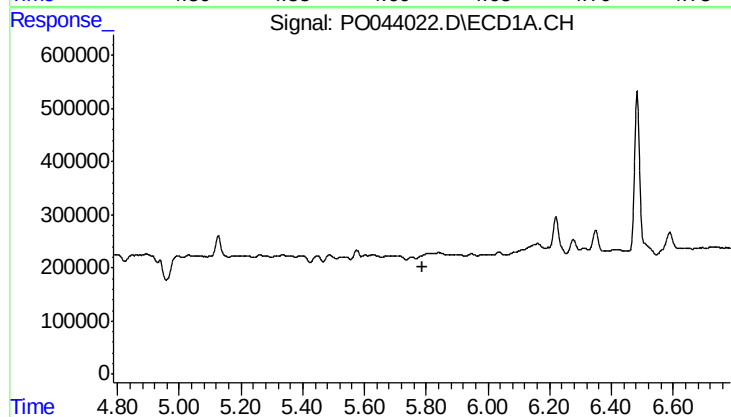
R.T.: 0.000 min  
Exp R.T.: 5.366 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



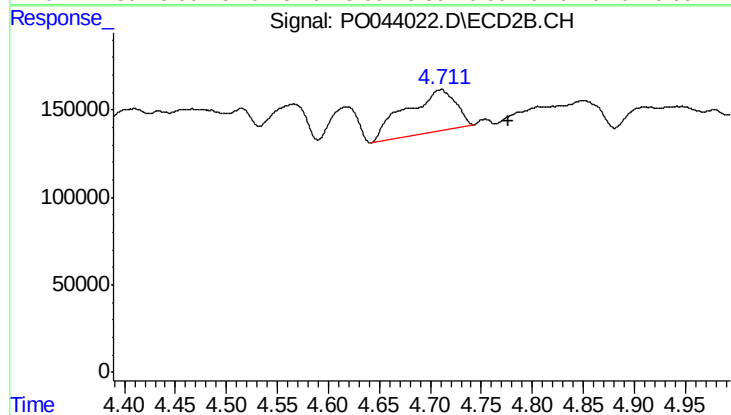
#5 AR-1016-3

R.T.: 4.619 min  
Delta R.T.: 0.006 min  
Response: 428498  
Conc: 60.74 ng/ml



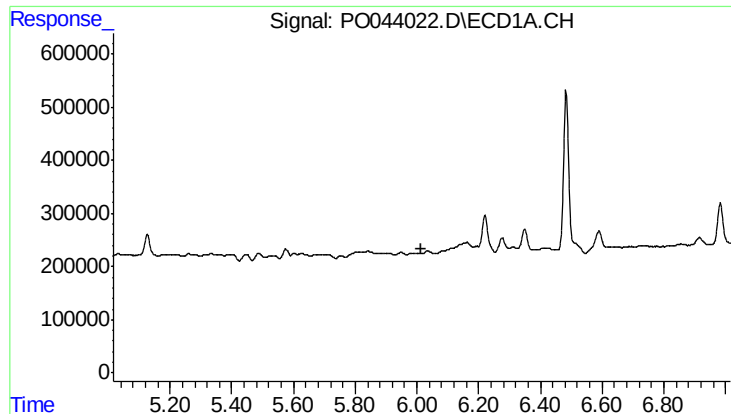
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.786 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

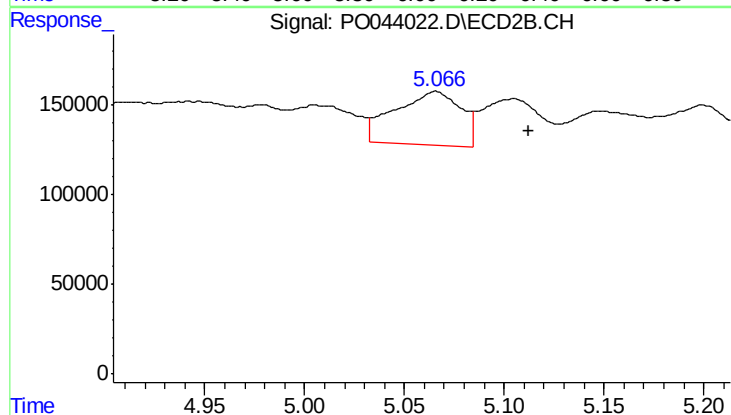
R.T.: 4.710 min  
Delta R.T.: -0.007 min  
Response: 822661  
Conc: 106.56 ng/ml



#7 AR-1016-5

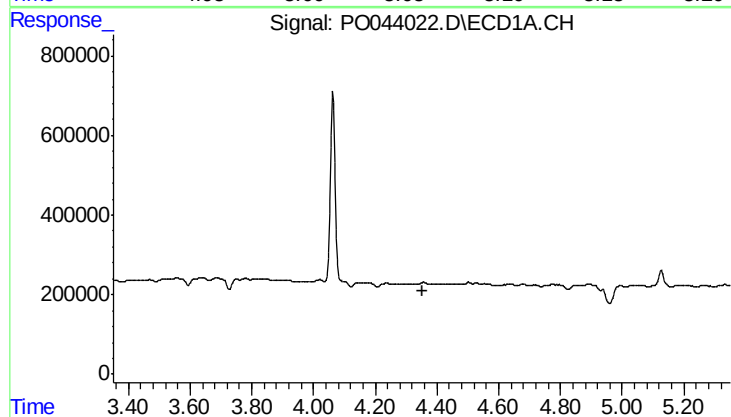
R.T.: 0.000 min  
Exp R.T.: 6.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



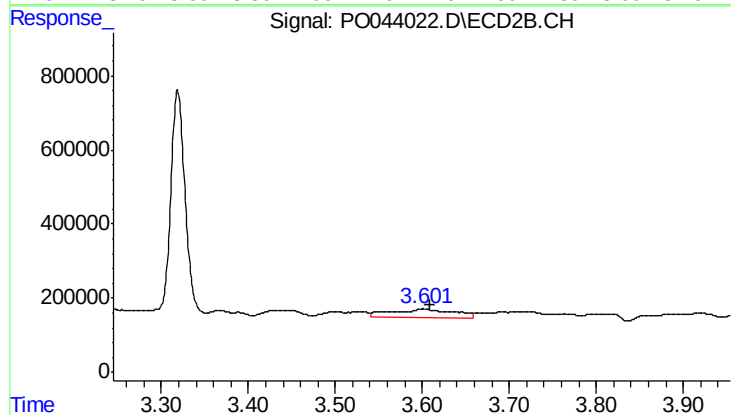
#7 AR-1016-5

R.T.: 5.066 min  
Delta R.T.: -0.046 min  
Response: 677135  
Conc: 90.93 ng/ml



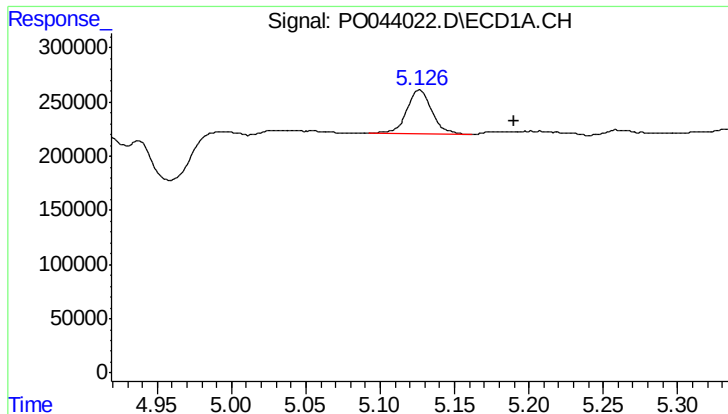
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.351 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

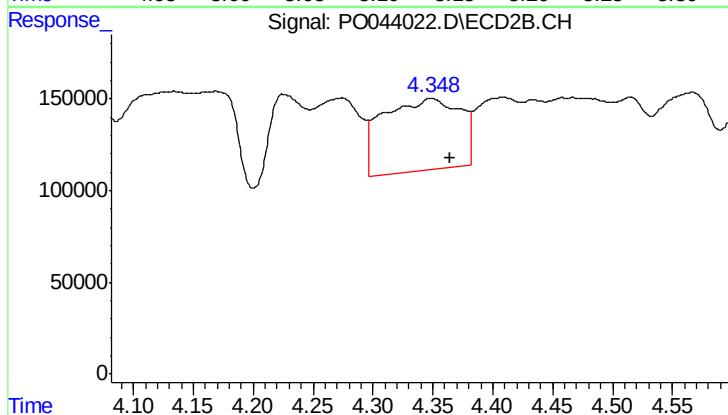
R.T.: 3.602 min  
Delta R.T.: -0.007 min  
Response: 1169892  
Conc: 333.85 ng/ml



#12 AR-1232-2

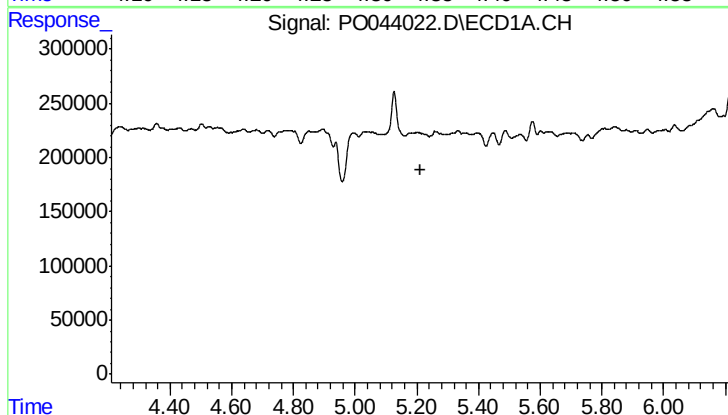
R.T.: 5.127 min  
Delta R.T.: -0.063 min  
Response: 481075  
Conc: 165.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



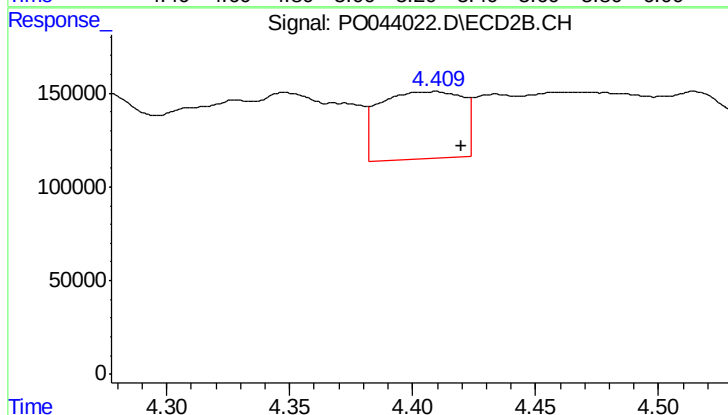
#12 AR-1232-2

R.T.: 4.348 min  
Delta R.T.: -0.016 min  
Response: 1767467  
Conc: 147.97 ng/ml



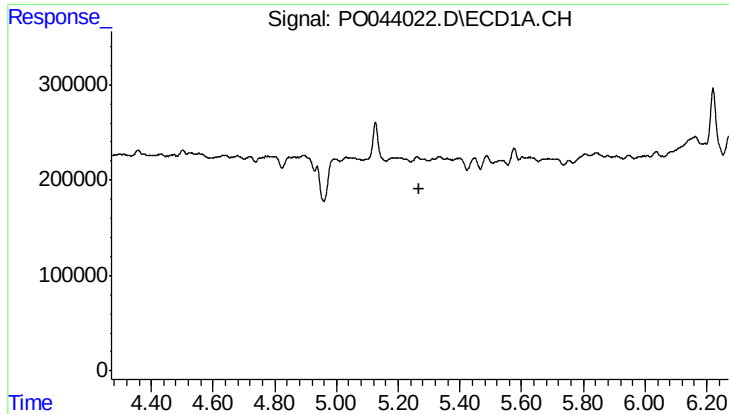
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.210 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

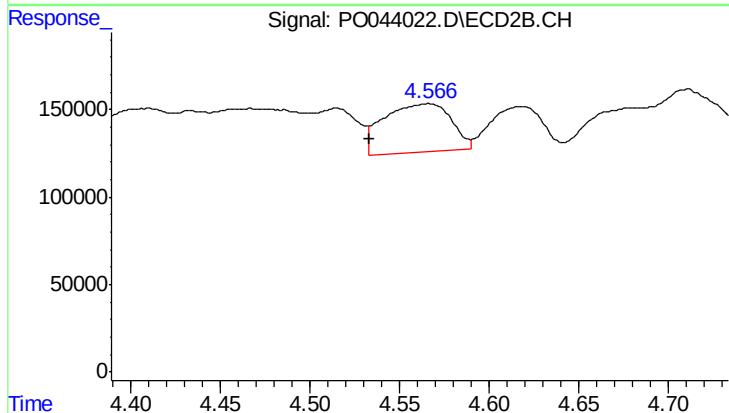
R.T.: 4.409 min  
Delta R.T.: -0.011 min  
Response: 840735  
Conc: 161.71 ng/ml



#14 AR-1232-4

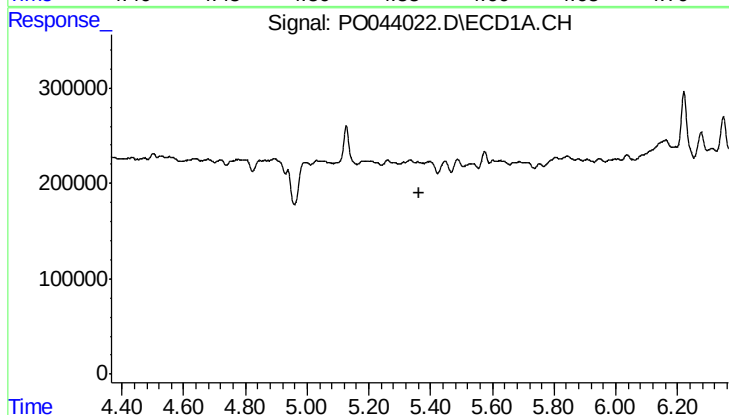
R.T.: 0.000 min  
Exp R.T.: 5.270 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



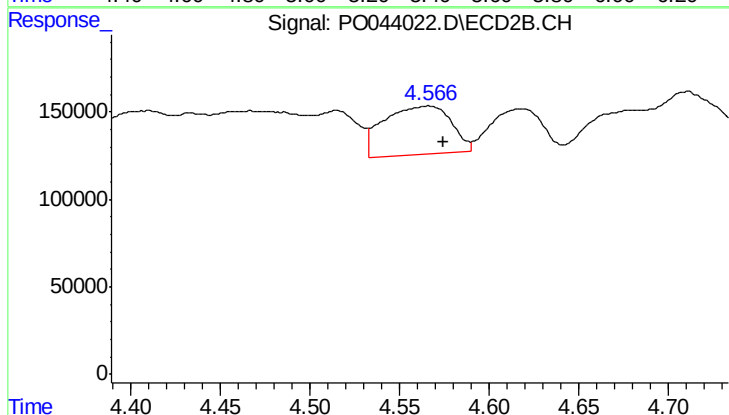
#14 AR-1232-4

R.T.: 4.567 min  
Delta R.T.: 0.034 min  
Response: 726412  
Conc: 179.85 ng/ml



#15 AR-1232-5

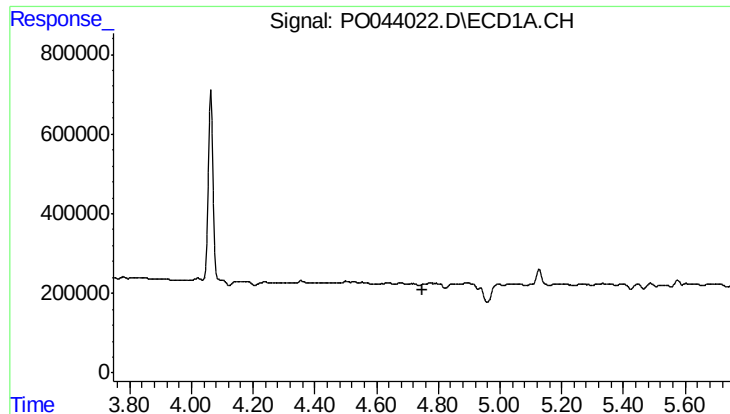
R.T.: 0.000 min  
Exp R.T.: 5.365 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

R.T.: 4.567 min  
Delta R.T.: -0.008 min  
Response: 726412  
Conc: 247.48 ng/ml

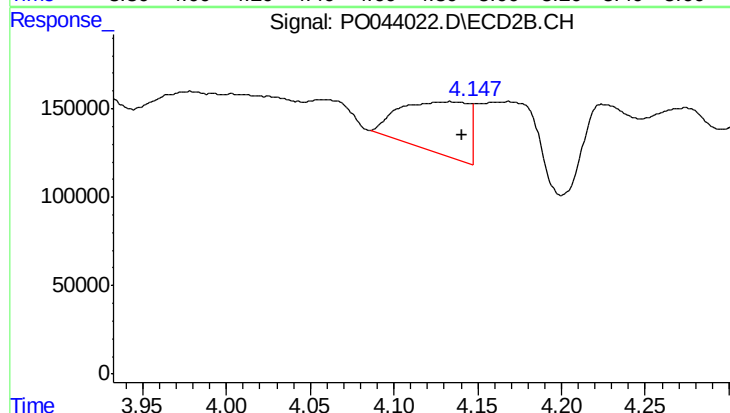




#16 AR-1242-1

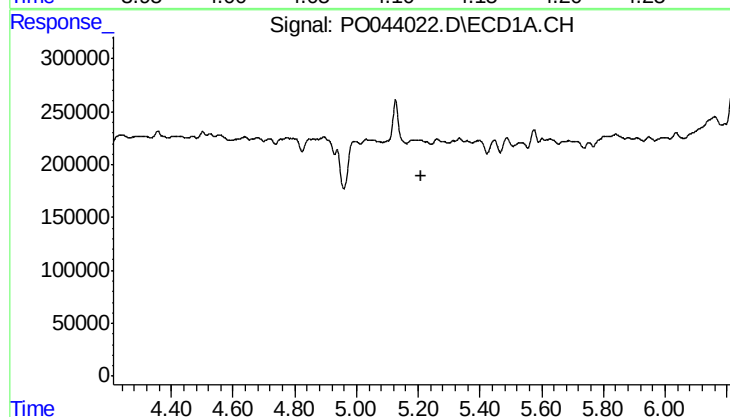
R.T.: 0.000 min  
Exp R.T.: 4.747 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



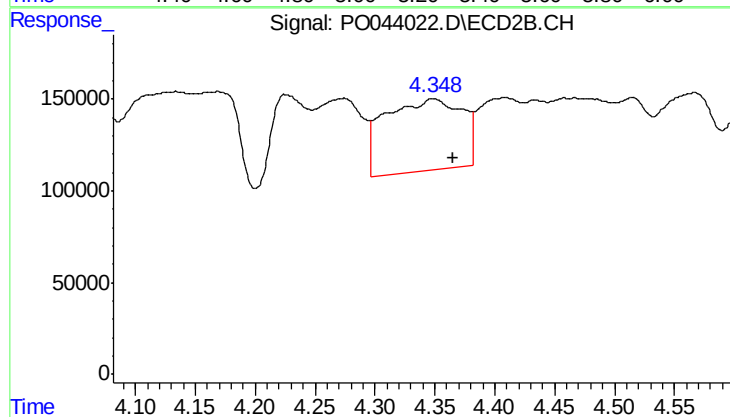
#16 AR-1242-1

R.T.: 4.134 min  
Delta R.T.: -0.007 min  
Response: 824945  
Conc: 140.47 ng/ml



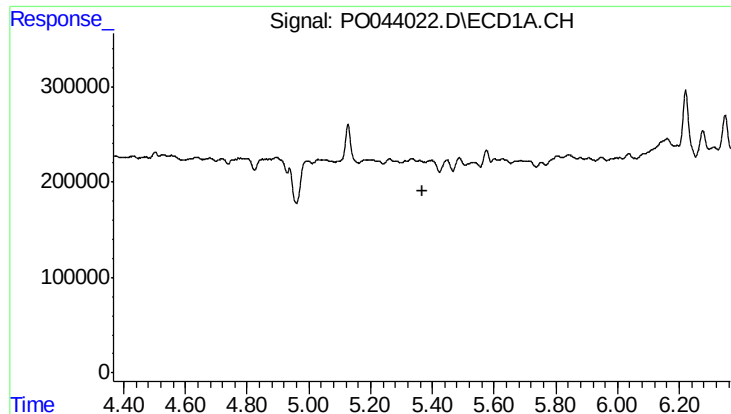
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.212 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

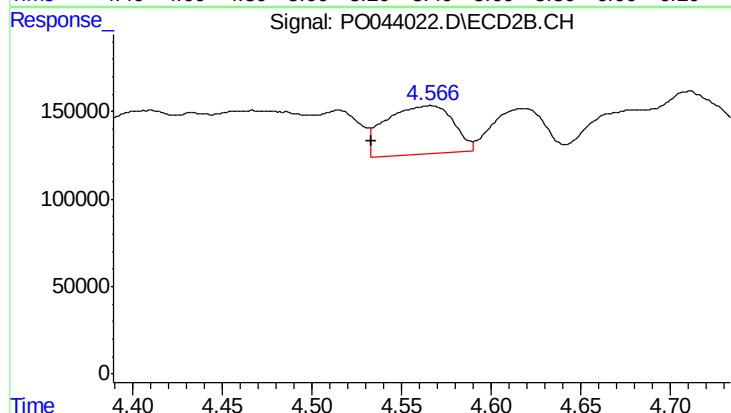
R.T.: 4.348 min  
Delta R.T.: -0.017 min  
Response: 1767467  
Conc: 85.88 ng/ml



#18 AR-1242-3

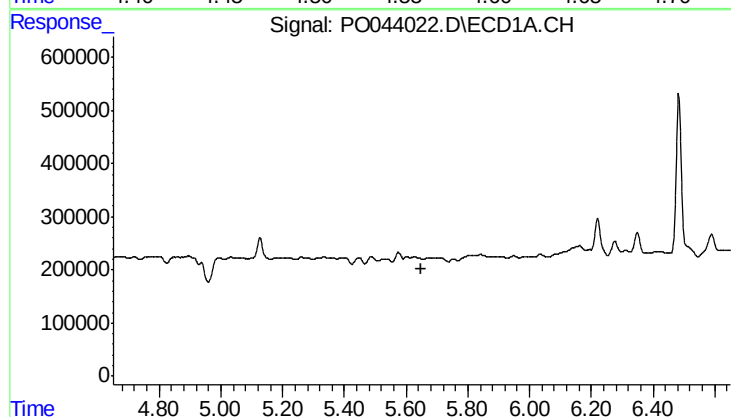
R.T.: 0.000 min  
Exp R.T.: 5.366 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



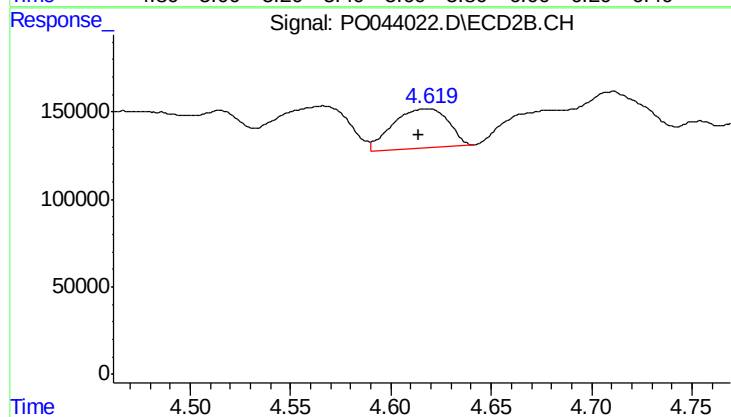
#18 AR-1242-3

R.T.: 4.567 min  
Delta R.T.: 0.033 min  
Response: 726412  
Conc: 114.56 ng/ml



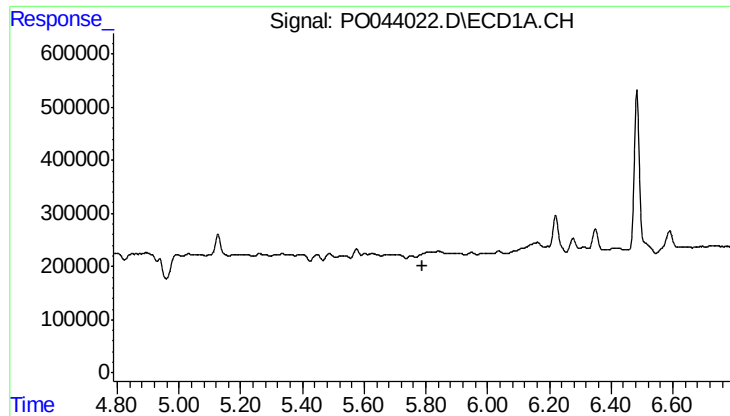
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.651 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

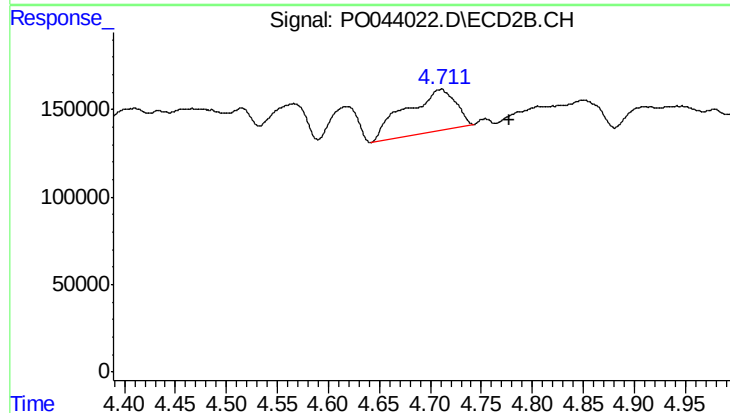
R.T.: 4.619 min  
Delta R.T.: 0.005 min  
Response: 428498  
Conc: 70.18 ng/ml



#20 AR-1242-5

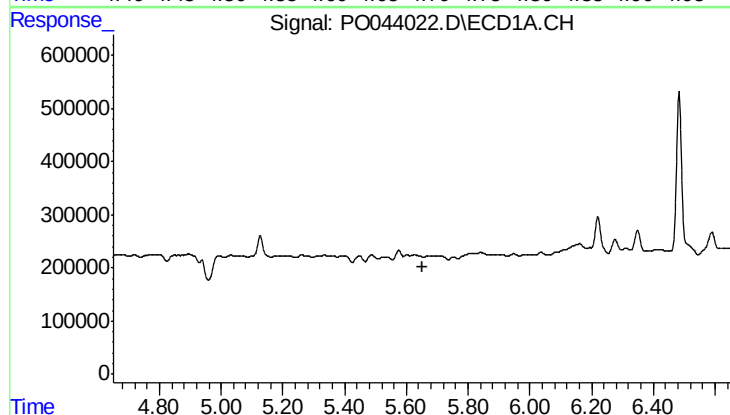
R.T.: 0.000 min  
Exp R.T.: 5.787 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



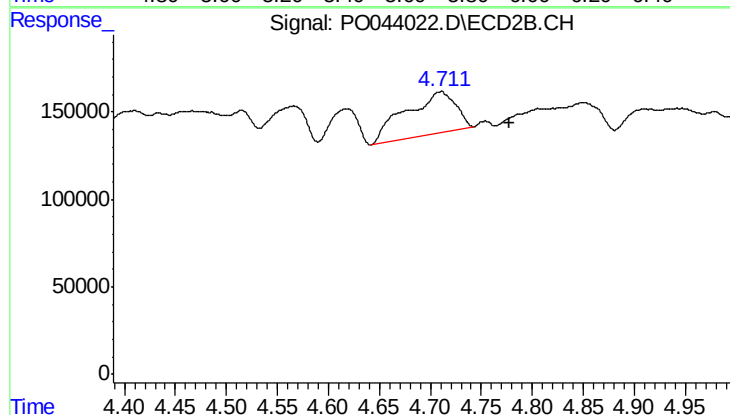
#20 AR-1242-5

R.T.: 4.710 min  
Delta R.T.: -0.068 min  
Response: 822661  
Conc: 127.92 ng/ml



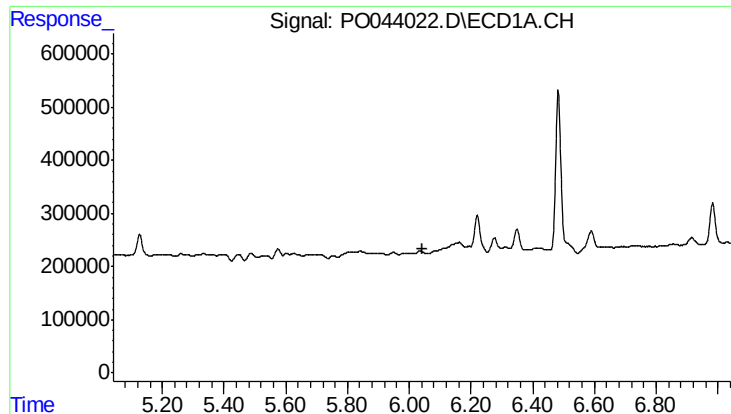
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.651 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

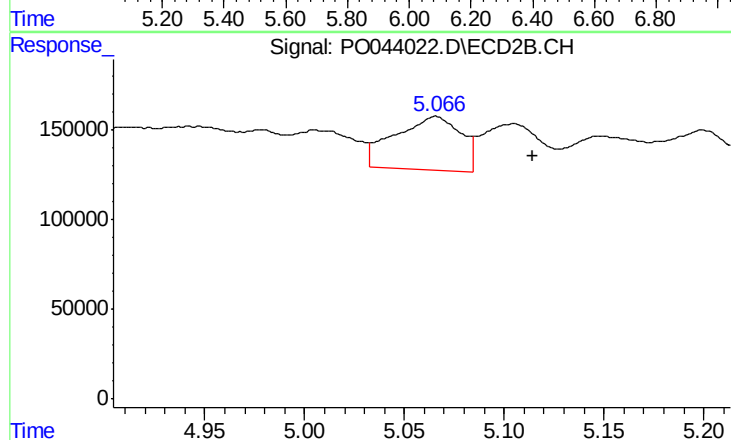
R.T.: 4.710 min  
Delta R.T.: -0.067 min  
Response: 822661  
Conc: 71.19 ng/ml



#23 AR-1248-3

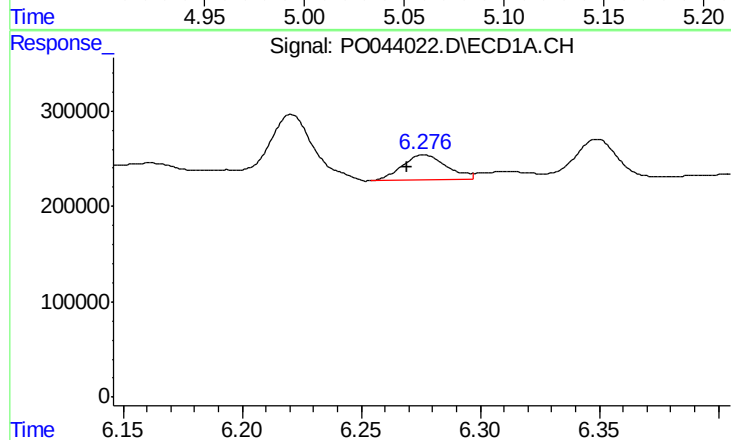
R.T.: 0.000 min  
Exp R.T.: 6.042 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



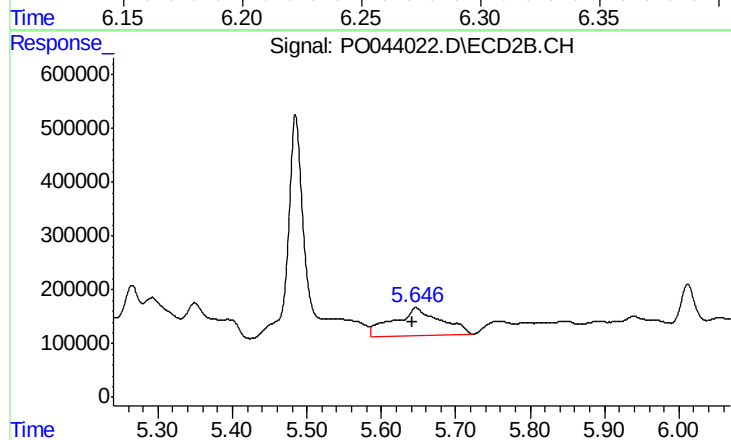
#23 AR-1248-3

R.T.: 5.066 min  
Delta R.T.: -0.049 min  
Response: 677135  
Conc: 38.58 ng/ml



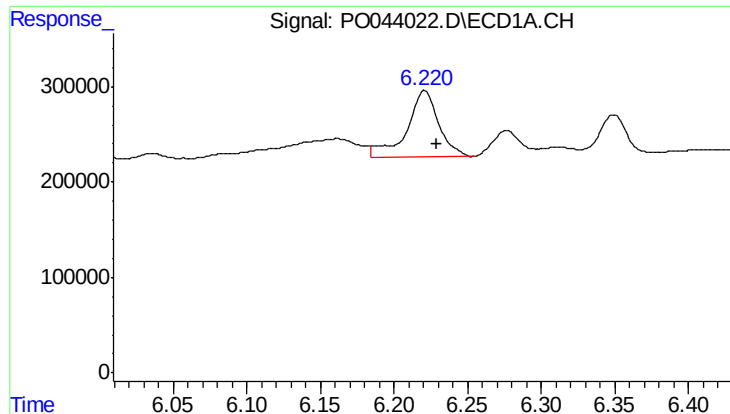
#25 AR-1248-5

R.T.: 6.276 min  
Delta R.T.: 0.007 min  
Response: 346251  
Conc: 61.49 ng/ml



#25 AR-1248-5

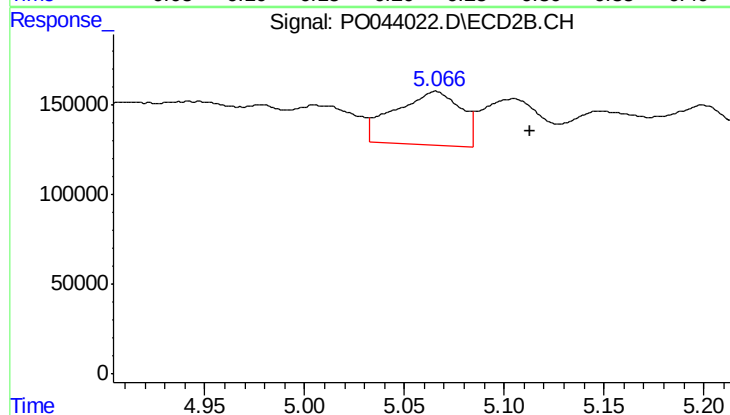
R.T.: 5.647 min  
Delta R.T.: 0.004 min  
Response: 2277988  
Conc: 233.72 ng/ml



#26 AR-1254-1

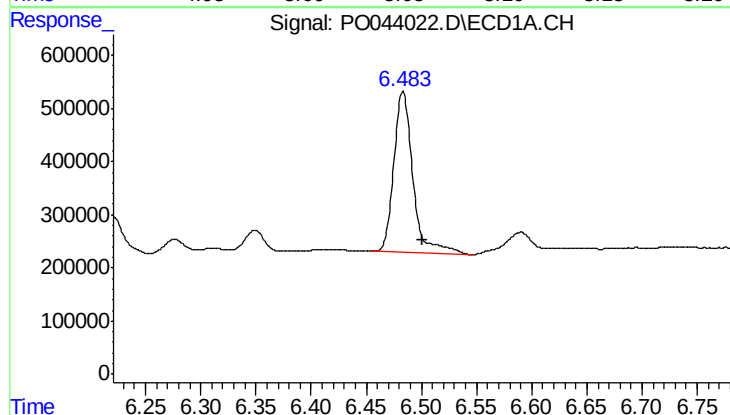
R.T.: 6.221 min  
Delta R.T.: -0.008 min  
Response: 1056839  
Conc: 70.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



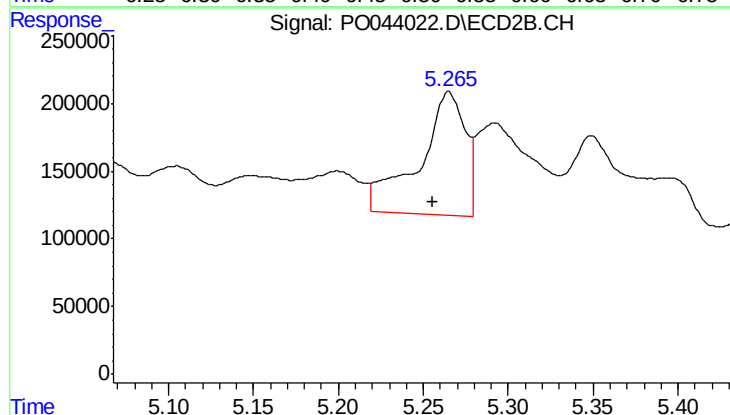
#26 AR-1254-1

R.T.: 5.066 min  
Delta R.T.: -0.047 min  
Response: 677135  
Conc: 31.11 ng/ml



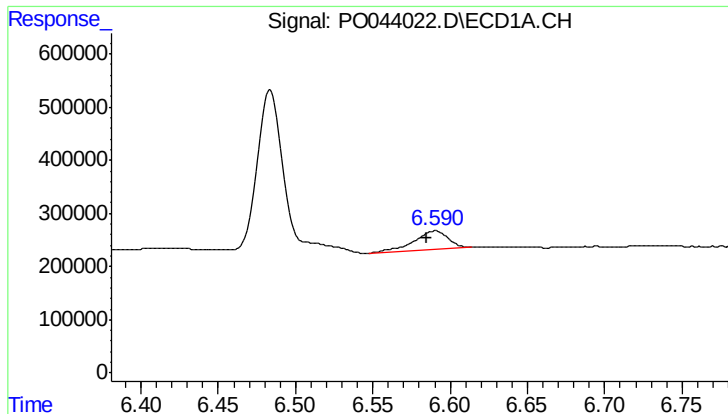
#27 AR-1254-2

R.T.: 6.483 min  
Delta R.T.: -0.018 min  
Response: 3659323  
Conc: 385.40 ng/ml



#27 AR-1254-2

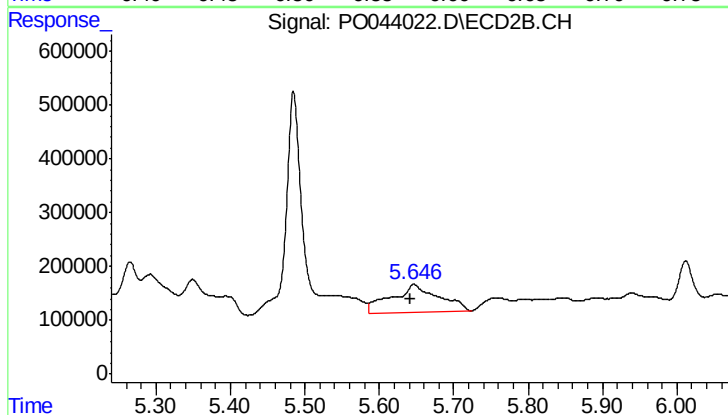
R.T.: 5.265 min  
Delta R.T.: 0.009 min  
Response: 1735620  
Conc: 89.55 ng/ml



#28 AR-1254-3

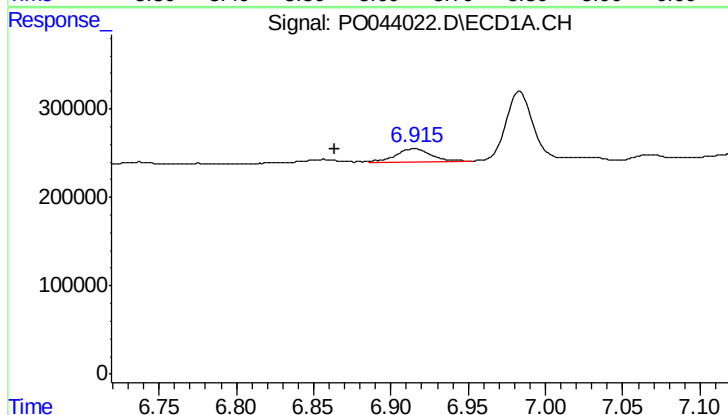
R.T.: 6.590 min  
Delta R.T.: 0.004 min  
Response: 539920  
Conc: 32.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



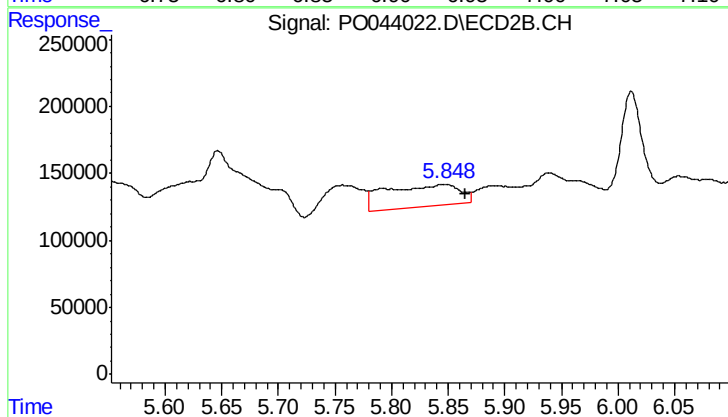
#28 AR-1254-3

R.T.: 5.647 min  
Delta R.T.: 0.004 min  
Response: 2277988  
Conc: 71.95 ng/ml



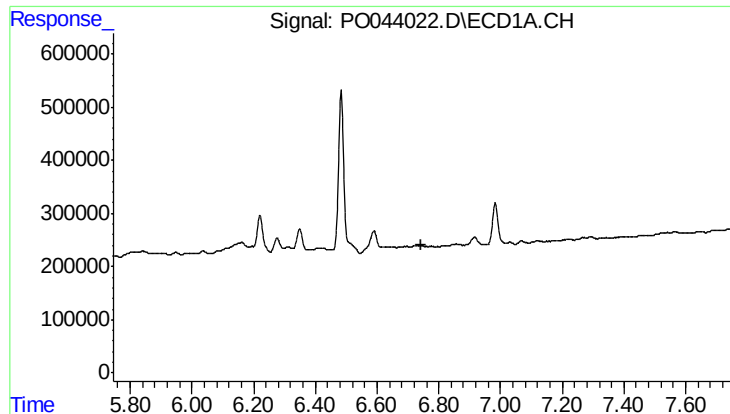
#29 AR-1254-4

R.T.: 6.915 min  
Delta R.T.: 0.052 min  
Response: 220627  
Conc: 16.20 ng/ml



#29 AR-1254-4

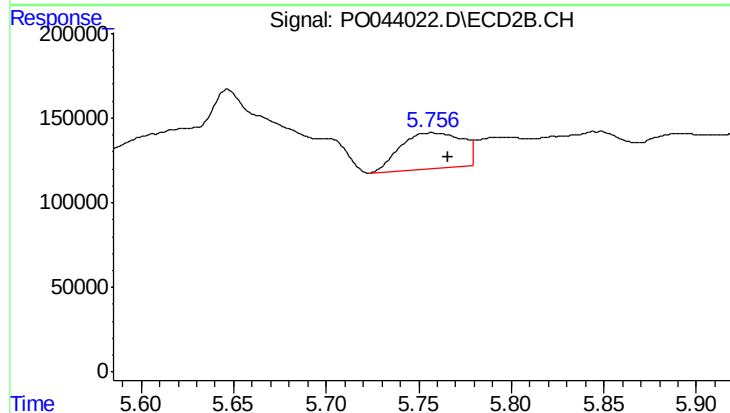
R.T.: 5.848 min  
Delta R.T.: -0.018 min  
Response: 744715  
Conc: 30.18 ng/ml



#31 AR-1260-1

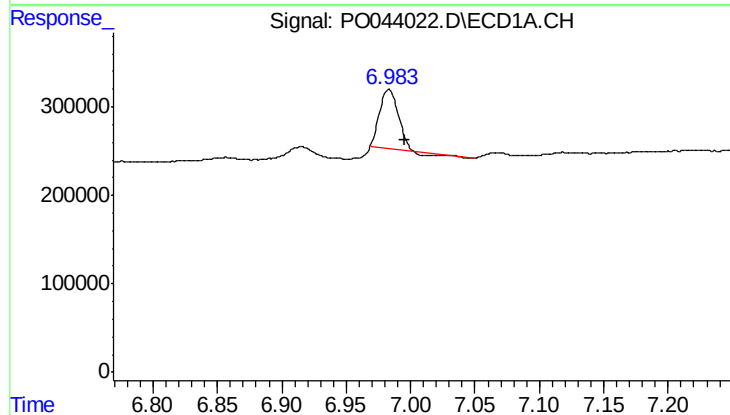
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



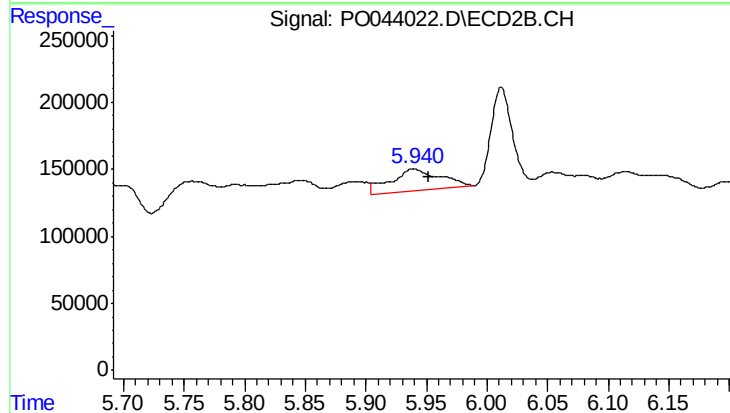
#31 AR-1260-1

R.T.: 5.757 min  
Delta R.T.: -0.009 min  
Response: 502986  
Conc: 30.09 ng/ml



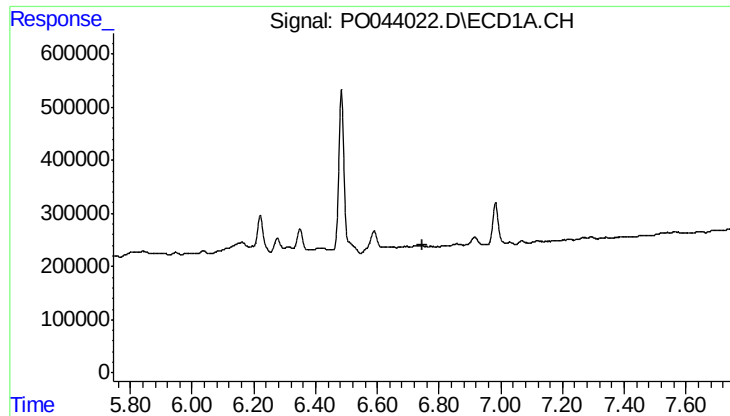
#32 AR-1260-2

R.T.: 6.983 min  
Delta R.T.: -0.013 min  
Response: 652084  
Conc: 50.82 ng/ml



#32 AR-1260-2

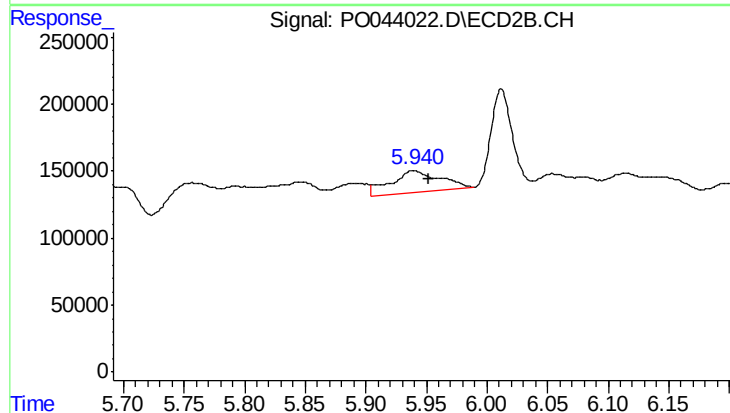
R.T.: 5.940 min  
Delta R.T.: -0.012 min  
Response: 465165  
Conc: 21.98 ng/ml



#36 AR-1262-1

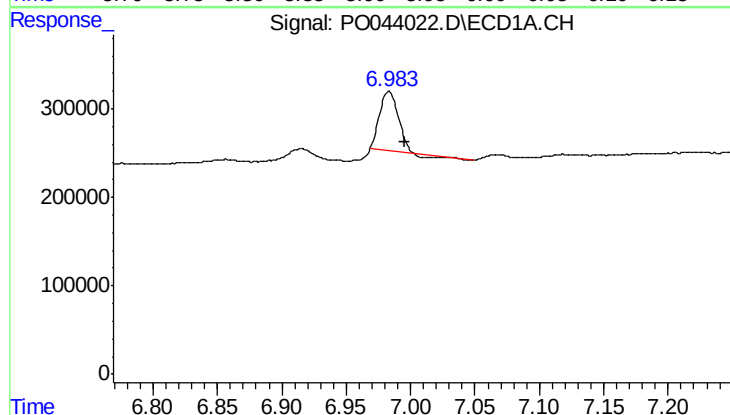
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



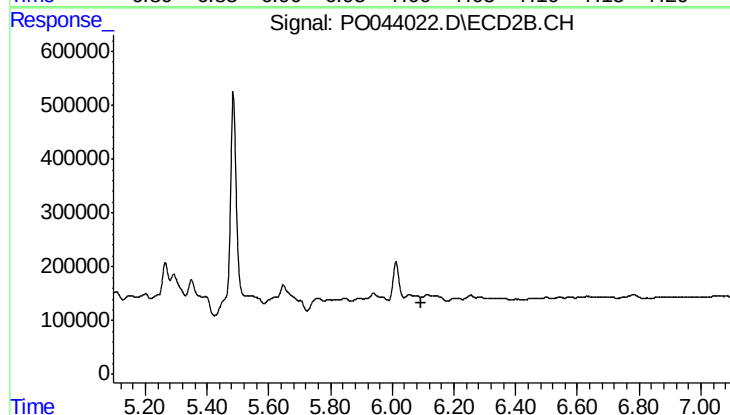
#36 AR-1262-1

R.T.: 5.940 min  
Delta R.T.: -0.013 min  
Response: 465165  
Conc: 21.38 ng/ml



#37 AR-1262-2

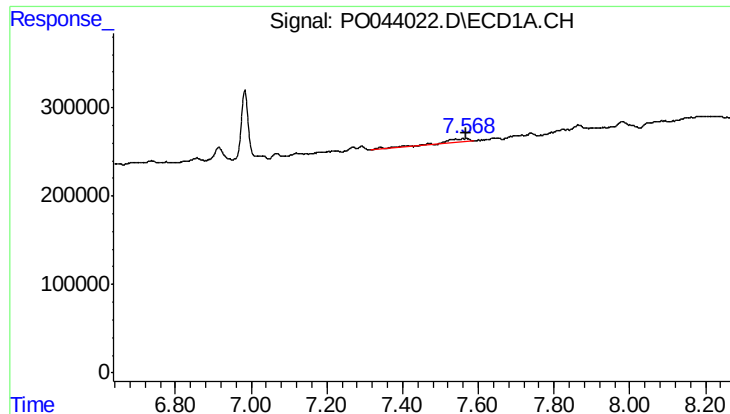
R.T.: 6.983 min  
Delta R.T.: -0.012 min  
Response: 652084  
Conc: 53.24 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 6.006 min  
Response: 0  
Conc: N.D.

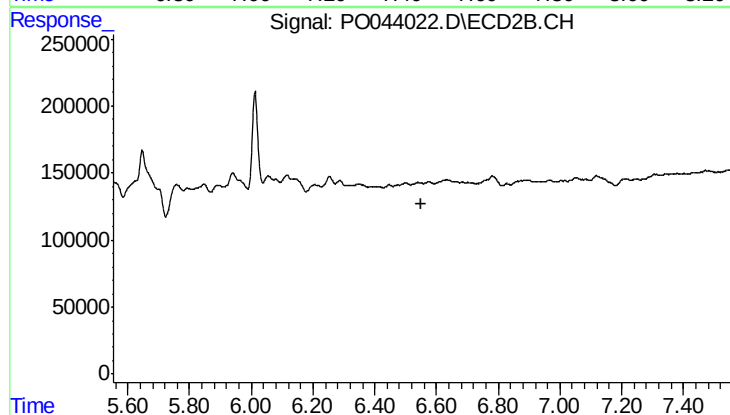




#39 AR-1262-4

R.T.: 7.567 min  
Delta R.T.: -0.002 min  
Response: 197152  
Conc: 13.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-01-041818



#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 6.553 min  
Response: 0  
Conc: N.D.