

Data Path : P:\HPCHEM1\ECD\_0\Data\P0052618\  
 Data File : P0045161.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 May 2018 17:25  
 Operator : SM/UA  
 Sample : J3126-04  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 J3126-04

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 27 23:07:59 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0052518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 26 01:36:04 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...          | 4.005 | 3.277 | 9615982 | 11980510 | 16.535  | 18.711     |
| 2) SA Decachlor...          | 9.299 | 8.007 | 5900565 | 6064991  | 11.208  | 10.579     |
| Target Compounds            |       |       |         |          |         |            |
| 4) L1 AR-1016-2             | 0.000 | 4.516 | 0       | 65841    | N.D.    | 6.188 #    |
| 5) L1 AR-1016-3             | 0.000 | 4.516 | 0       | 65841    | N.D.    | 5.149 #    |
| 6) L1 AR-1016-4             | 0.000 | 4.716 | 0       | 278164   | N.D.    | 19.792 #   |
| 7) L1 AR-1016-5             | 5.945 | 5.070 | 2473470 | 1452750  | 232.349 | 108.554 #  |
| 8) L2 AR-1221-1             | 0.000 | 3.478 | 0       | 351323   | N.D.    | 26.231 #   |
| 9) L2 AR-1221-2             | 0.000 | 3.558 | 0       | 155923   | N.D.    | 16.339 #   |
| 10) L2 AR-1221-3            | 0.000 | 3.670 | 0       | 16127840 | N.D.    | 510.406 #  |
| 11) L3 AR-1232-1            | 0.000 | 3.670 | 0       | 16127840 | N.D.    | 1103.672 # |
| 12) L3 AR-1232-2            | 5.063 | 0.000 | 562857  | 0        | 63.747  | N.D. #     |
| 14) L3 AR-1232-4            | 0.000 | 4.516 | 0       | 65841    | N.D.    | 7.920 #    |
| 15) L3 AR-1232-5            | 0.000 | 4.516 | 0       | 65841    | N.D.    | 9.170 #    |
| 18) L4 AR-1242-3            | 0.000 | 4.516 | 0       | 65841    | N.D.    | 4.550 #    |
| 19) L4 AR-1242-4            | 0.000 | 4.516 | 0       | 65841    | N.D.    | 4.863 #    |
| 20) L4 AR-1242-5            | 0.000 | 4.716 | 0       | 278164   | N.D.    | 19.083 #   |
| 21) L5 AR-1248-1            | 0.000 | 4.716 | 0       | 278164   | N.D.    | 11.345 #   |
| 23) L5 AR-1248-3            | 5.945 | 5.070 | 2473470 | 1452750  | 111.908 | 40.862 #   |
| 24) L5 AR-1248-4            | 6.003 | 5.070 | 606439  | 1452750  | 28.235  | 51.673 #   |
| 25) L5 AR-1248-5            | 0.000 | 5.580 | 0       | 346443   | N.D.    | 22.287 #   |
| 26) L6 AR-1254-1            | 0.000 | 5.070 | 0       | 1452750  | N.D.    | 35.992 #   |
| 27) L6 AR-1254-2            | 0.000 | 5.192 | 0       | 296371   | N.D.    | 8.530 #    |
| 28) L6 AR-1254-3            | 6.521 | 5.580 | 1215433 | 346443   | 31.628  | 5.979 #    |
| 30) L6 AR-1254-5            | 0.000 | 6.060 | 0       | 52928    | N.D.    | 2.004 #    |
| 31) L7 AR-1260-1            | 0.000 | 5.697 | 0       | 280072   | N.D.    | 9.126 #    |
| 32) L7 AR-1260-2            | 6.918 | 5.888 | 154293  | 1745049  | 5.111   | 43.818 #   |
| 33) L7 AR-1260-3            | 0.000 | 6.197 | 0       | 249989   | N.D.    | 5.924 #    |
| 34) L7 AR-1260-4            | 7.791 | 6.724 | 291596  | 366293   | 4.603   | 4.547 #    |
| 35) L7 AR-1260-5            | 8.073 | 7.057 | -137178 | 305536   | N.D.    | 5.474 #    |
| 36) L8 AR-1262-1            | 0.000 | 5.888 | 0       | 1745049  | N.D.    | 41.213 #   |
| 37) L8 AR-1262-2            | 6.918 | 6.026 | 154293  | 177613   | 4.935   | 4.701 #    |
| 38) L8 AR-1262-3            | 0.000 | 6.230 | 0       | 147728   | N.D.    | 2.138 #    |
| 39) L8 AR-1262-4            | 0.000 | 6.480 | 0       | 141534   | N.D.    | 2.496 #    |
| 40) L8 AR-1262-5            | 7.791 | 6.724 | 291596  | 366293   | 3.106   | 2.870 #    |
| 42) L9 AR-1268-2            | 0.000 | 7.057 | 0       | 305536   | N.D.    | 2.438 #    |
| 44) L9 AR-1268-4            | 0.000 | 7.548 | 0       | 92108    | N.D.    | 2.316 #    |
| 45) L9 AR-1268-5            | 0.000 | 7.805 | 0       | 81925    | N.D.    | 0.274 #    |
| -----                       |       |       |         |          |         |            |

Data Path : P:\HPCHEM1\ECD\_0\Data\P0052618\  
Data File : P0045161.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 May 2018 17:25  
Operator : SM/UA  
Sample : J3126-04  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 27 23:07:59 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\P0052518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 26 01:36:04 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

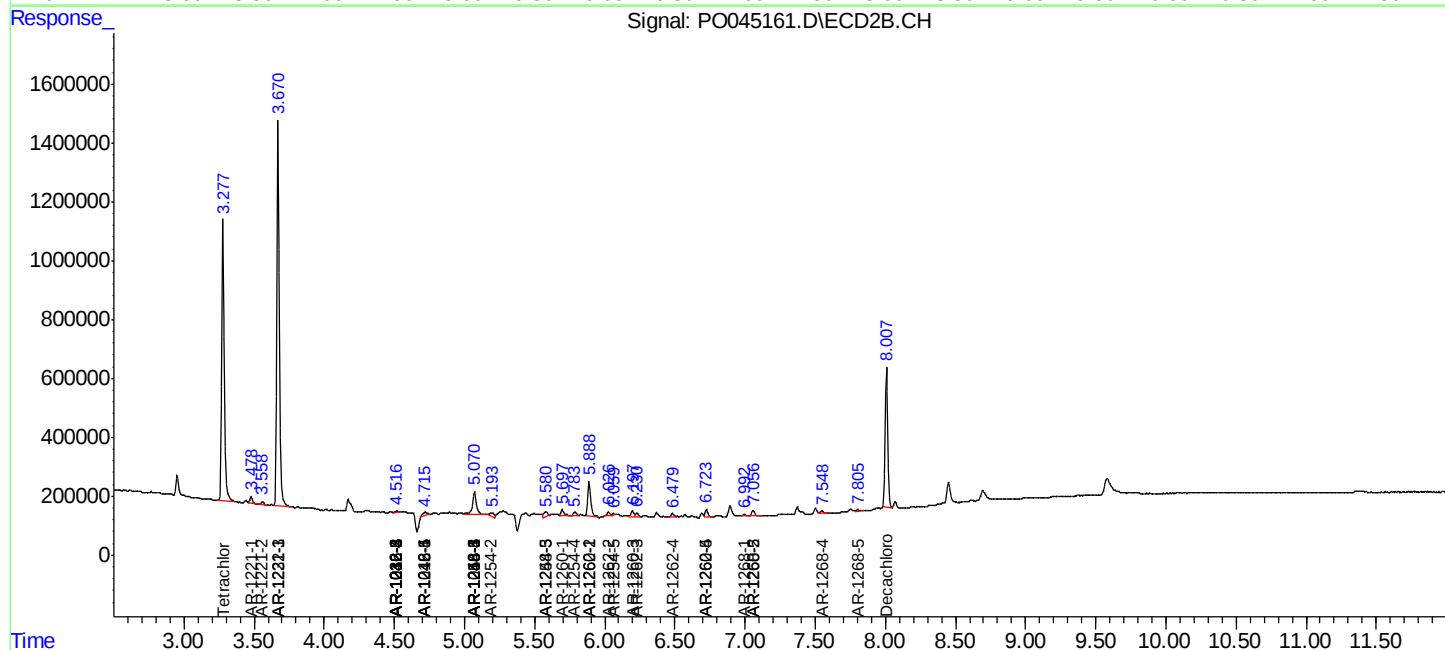
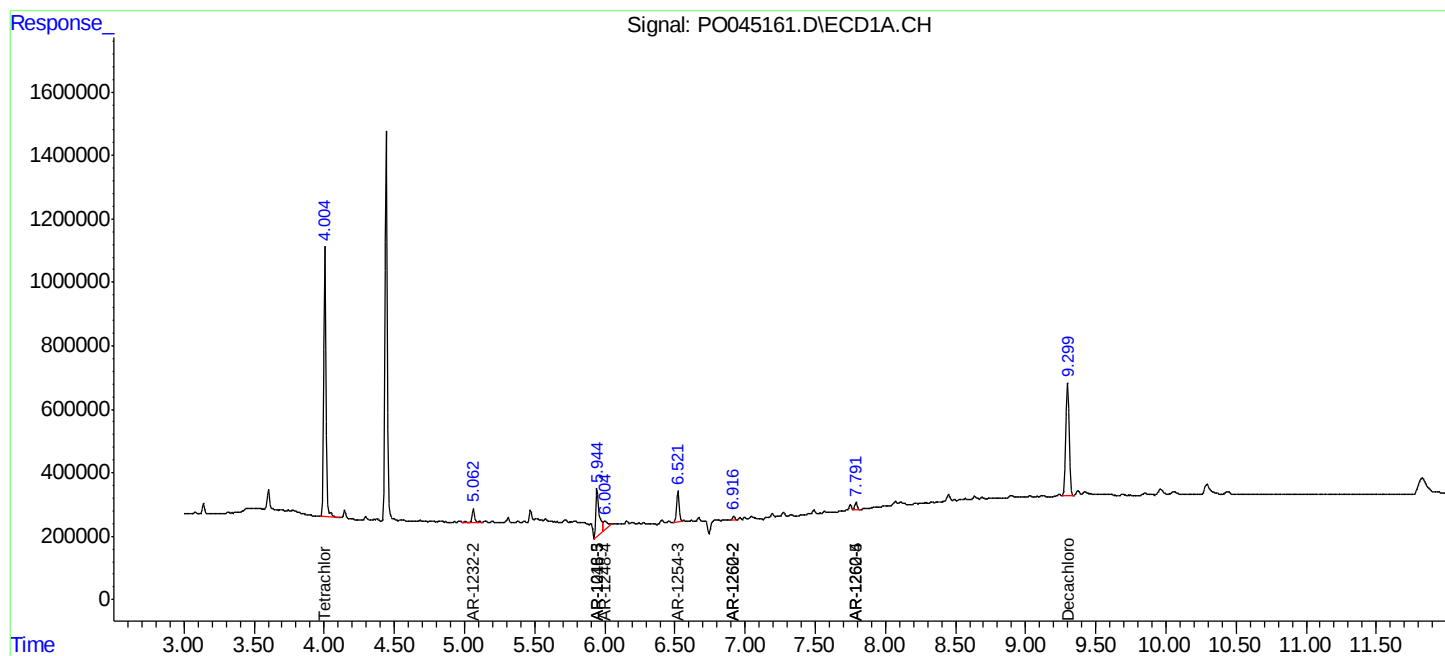
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

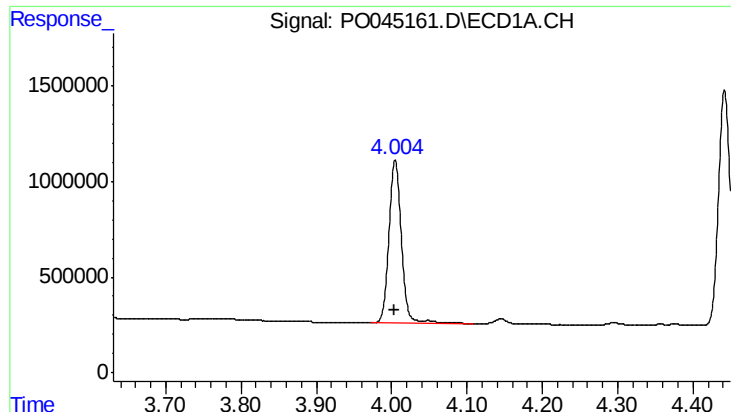
Data Path : P:\HPCHEM1\ECD\_0\Data\PO052618\  
Data File : PO045161.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 May 2018 17:25  
Operator : SM/UA  
Sample : J3126-04  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 27 23:07:59 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO052518.M  
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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

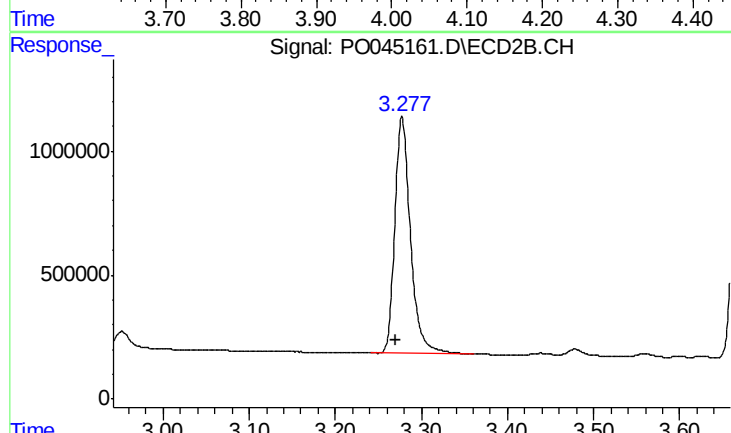




#1 Tetrachloro-m-xylene

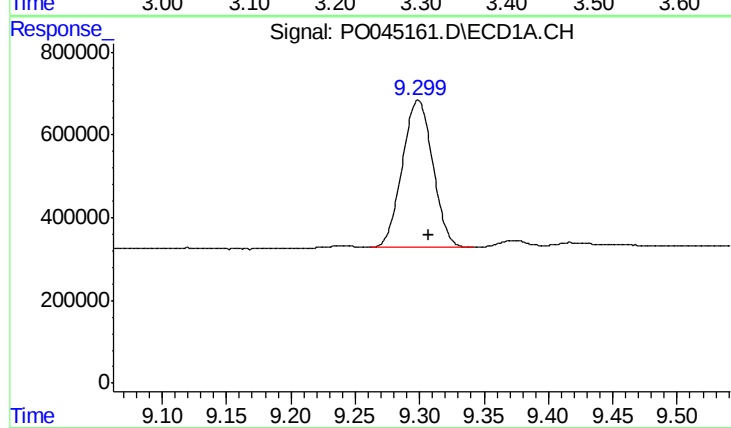
R.T.: 4.005 min  
Delta R.T.: 0.002 min  
Response: 9615982  
Conc: 16.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



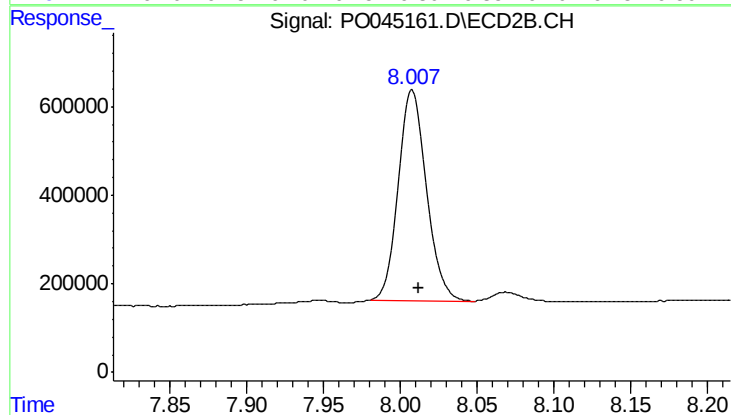
#1 Tetrachloro-m-xylene

R.T.: 3.277 min  
Delta R.T.: 0.007 min  
Response: 11980510  
Conc: 18.71 ng/ml



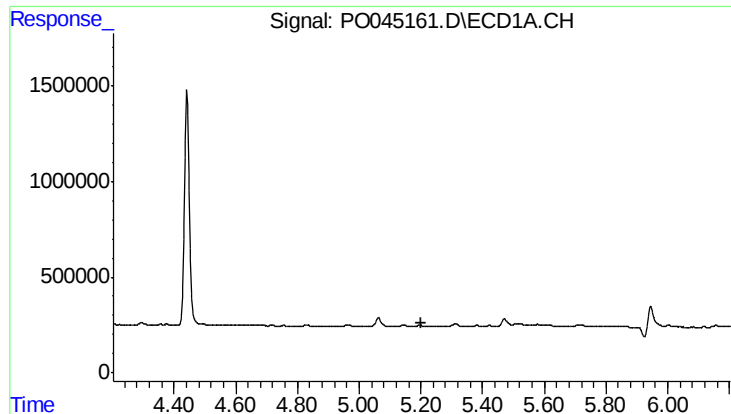
#2 Decachlorobiphenyl

R.T.: 9.299 min  
Delta R.T.: -0.009 min  
Response: 5900565  
Conc: 11.21 ng/ml



#2 Decachlorobiphenyl

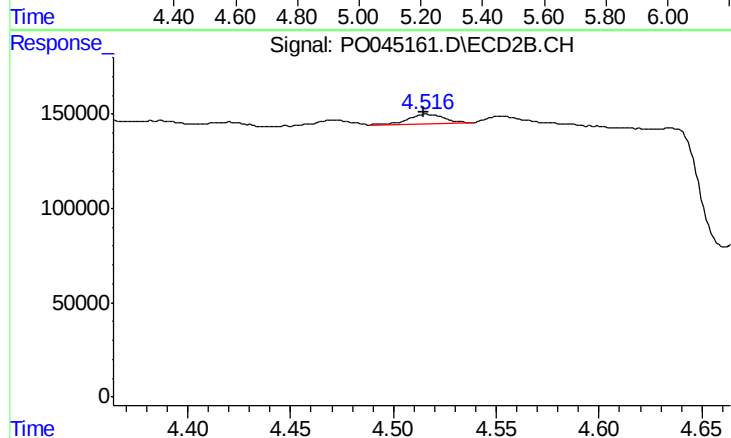
R.T.: 8.007 min  
Delta R.T.: -0.005 min  
Response: 6064991  
Conc: 10.58 ng/ml



#4 AR-1016-2

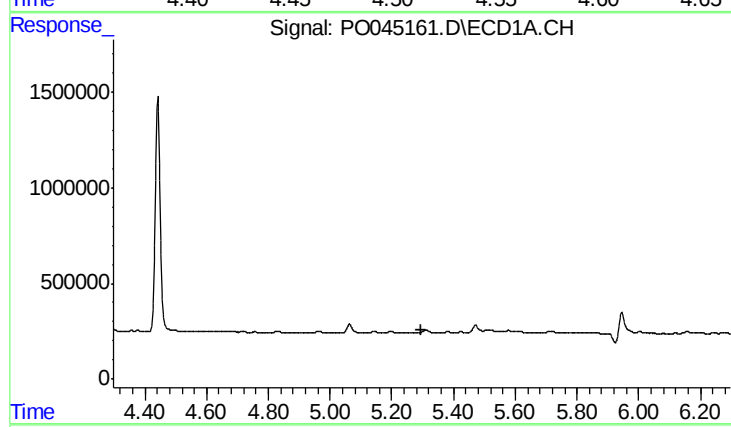
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



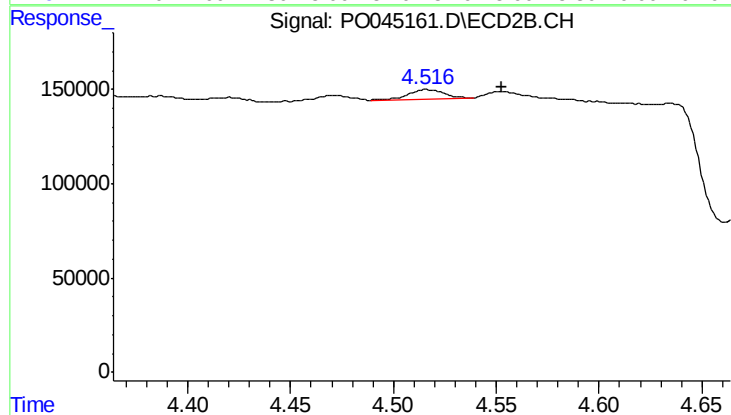
#4 AR-1016-2

R.T.: 4.516 min  
Delta R.T.: 0.001 min  
Response: 65841  
Conc: 6.19 ng/ml



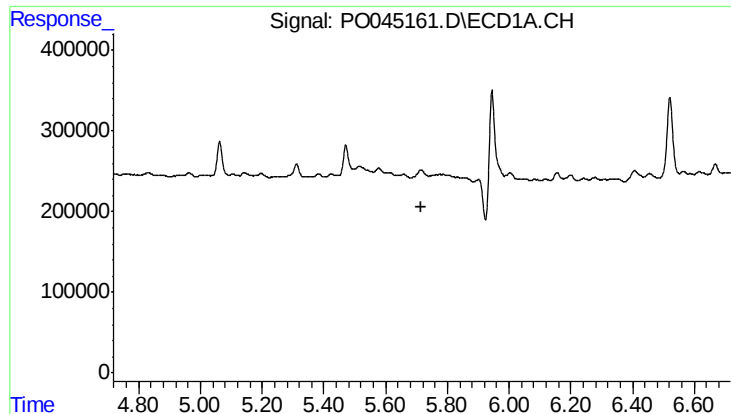
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.298 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

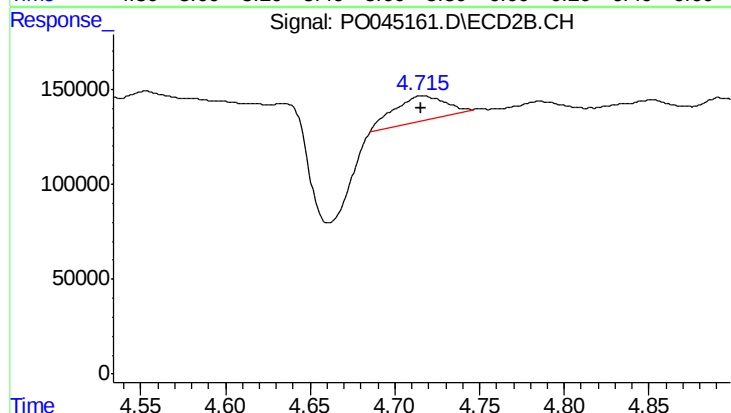
R.T.: 4.516 min  
Delta R.T.: -0.036 min  
Response: 65841  
Conc: 5.15 ng/ml



#6 AR-1016-4

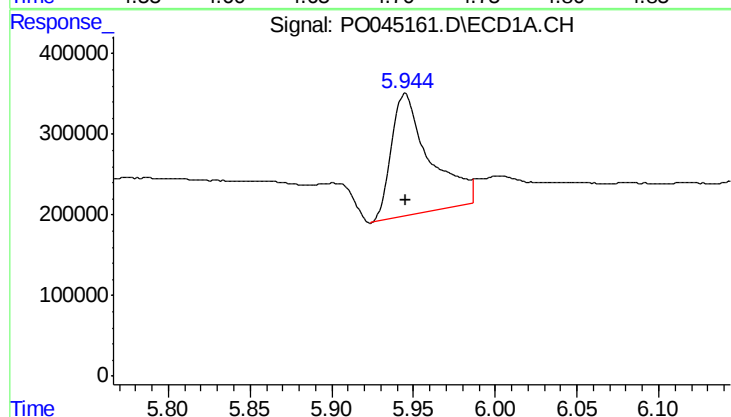
R.T.: 0.000 min  
Exp R.T.: 5.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



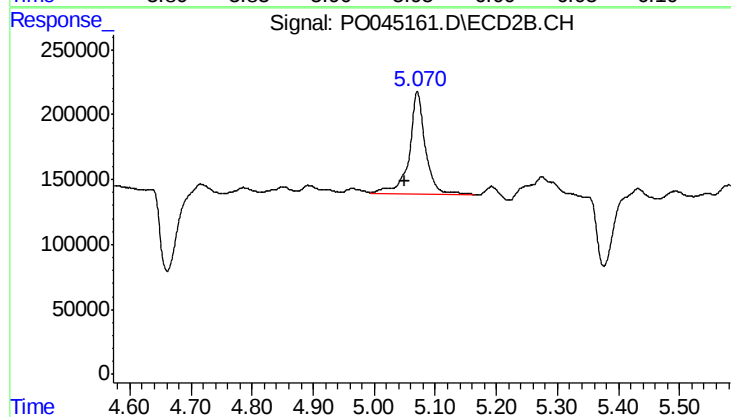
#6 AR-1016-4

R.T.: 4.716 min  
Delta R.T.: 0.000 min  
Response: 278164  
Conc: 19.79 ng/ml



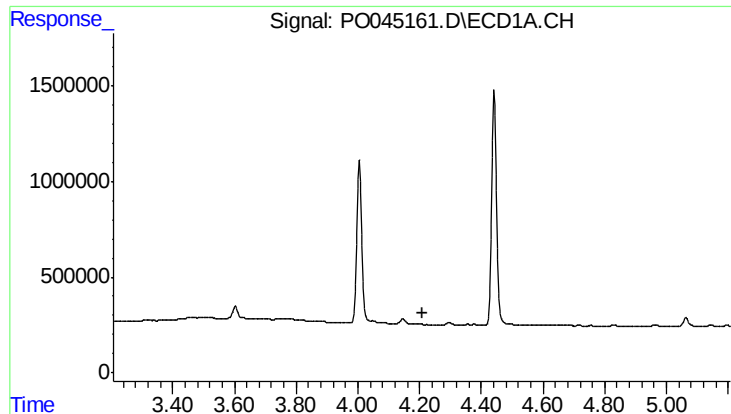
#7 AR-1016-5

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 2473470  
Conc: 232.35 ng/ml



#7 AR-1016-5

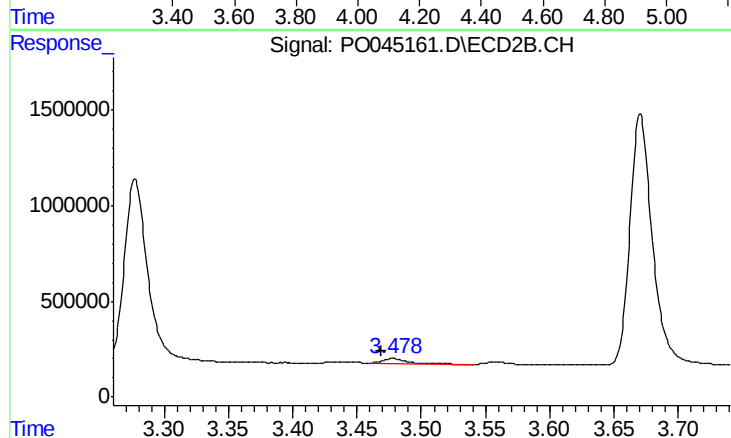
R.T.: 5.070 min  
Delta R.T.: 0.021 min  
Response: 1452750  
Conc: 108.55 ng/ml



#8 AR-1221-1

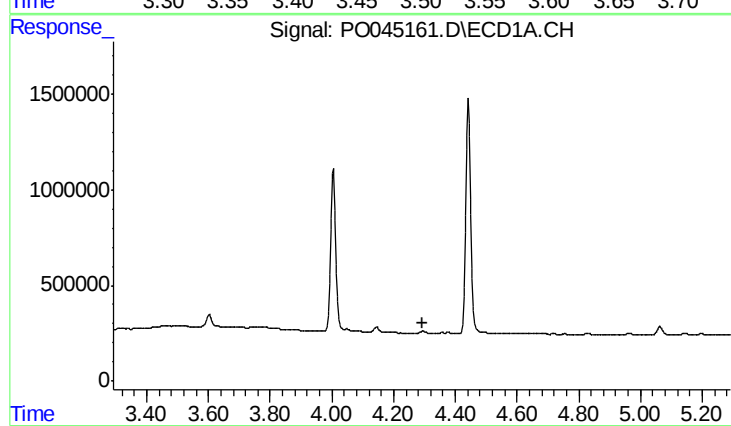
R.T.: 0.000 min  
Exp R.T.: 4.208 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



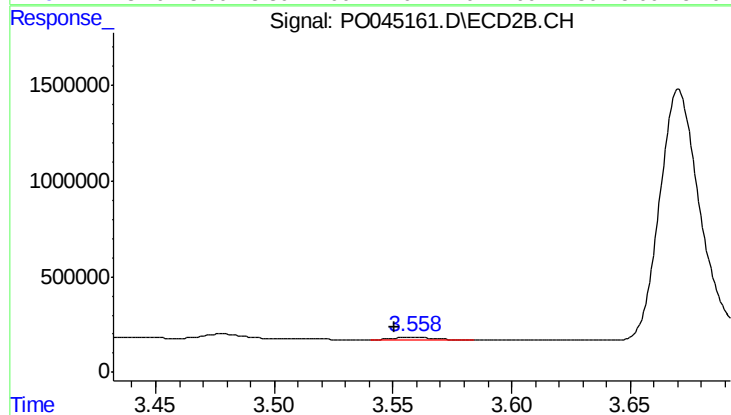
#8 AR-1221-1

R.T.: 3.478 min  
Delta R.T.: 0.009 min  
Response: 351323  
Conc: 26.23 ng/ml



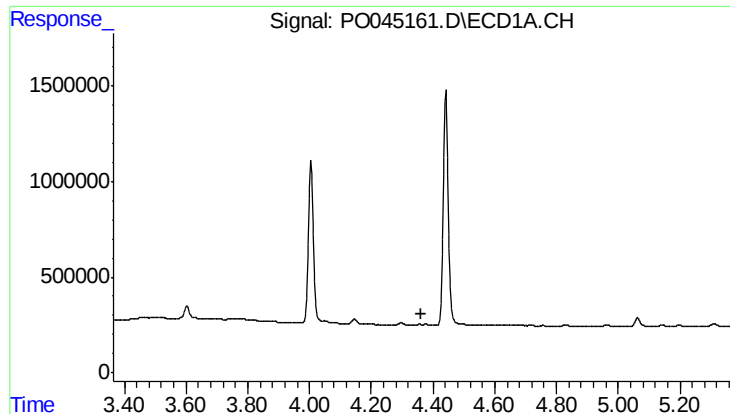
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.292 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

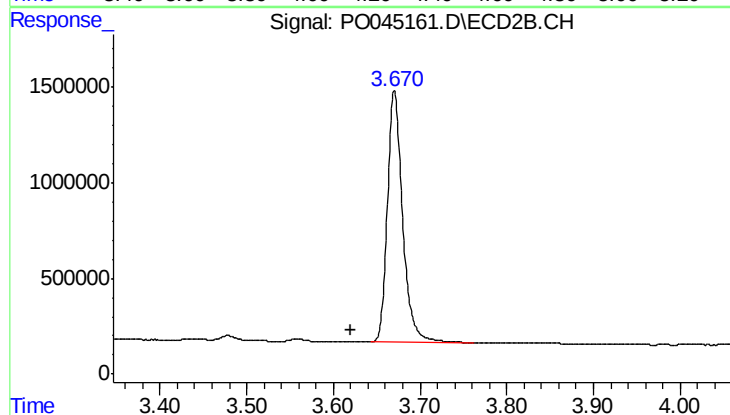
R.T.: 3.558 min  
Delta R.T.: 0.008 min  
Response: 155923  
Conc: 16.34 ng/ml



#10 AR-1221-3

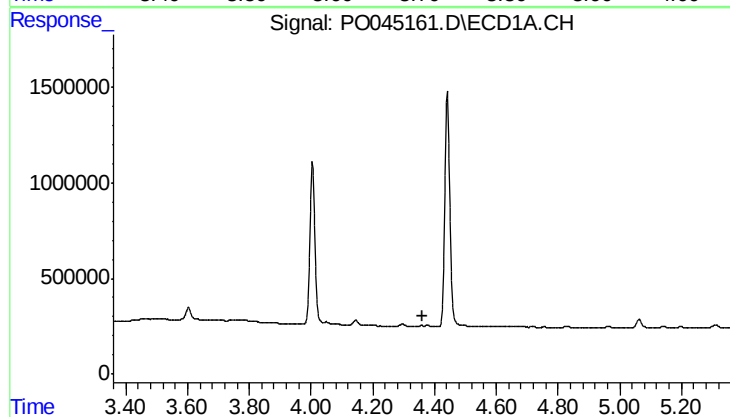
R.T.: 0.000 min  
Exp R.T.: 4.364 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



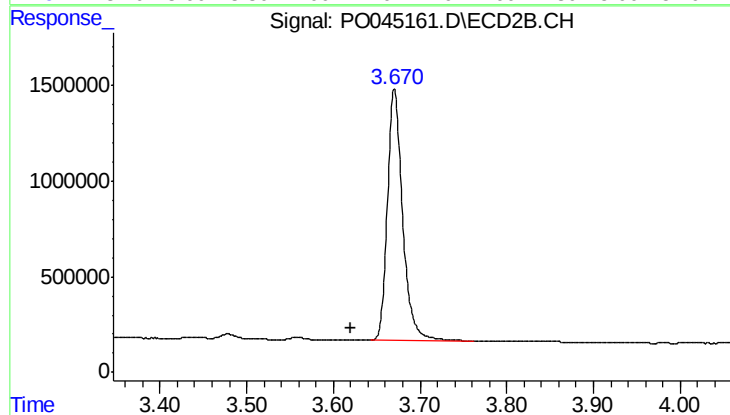
#10 AR-1221-3

R.T.: 3.670 min  
Delta R.T.: 0.050 min  
Response: 16127840  
Conc: 510.41 ng/ml



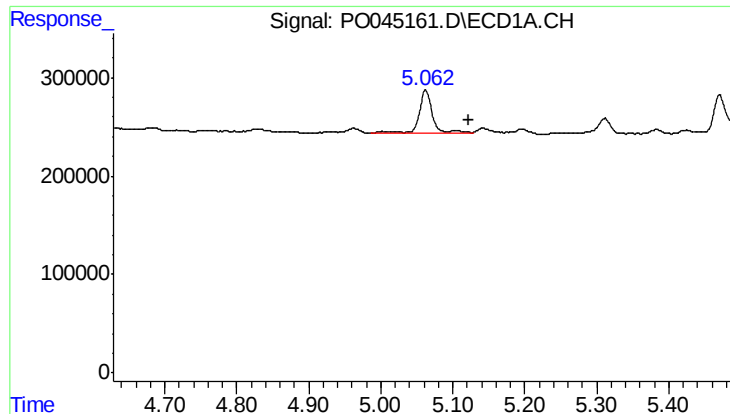
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.359 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

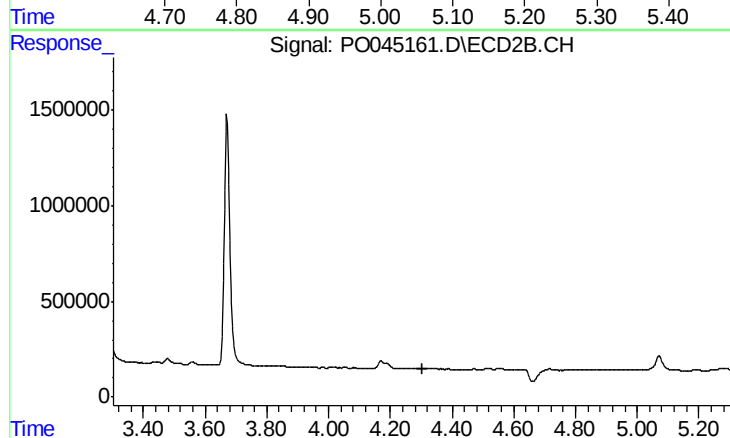
R.T.: 3.670 min  
Delta R.T.: 0.050 min  
Response: 16127840  
Conc: 1103.67 ng/ml



#12 AR-1232-2

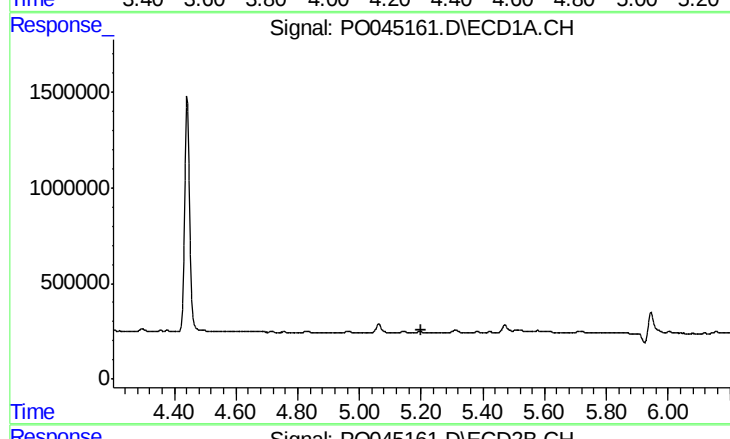
R.T.: 5.063 min  
Delta R.T.: -0.060 min  
Response: 562857  
Conc: 63.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



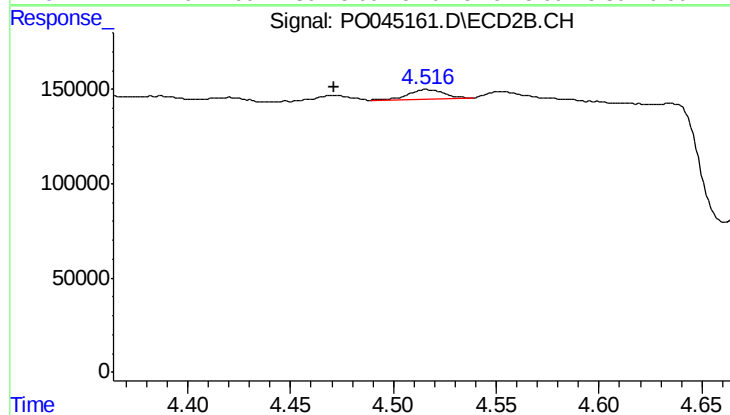
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 4.303 min  
Response: 0  
Conc: N.D.



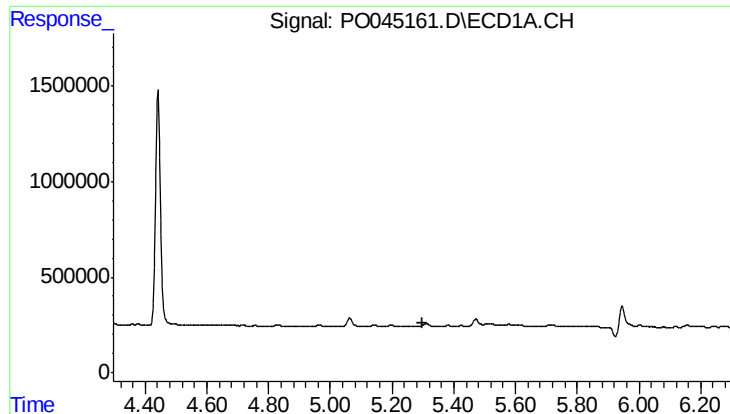
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.202 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

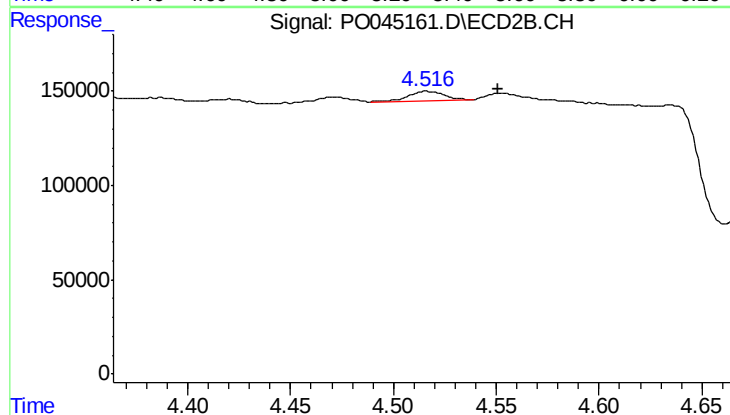
R.T.: 4.516 min  
Delta R.T.: 0.045 min  
Response: 65841  
Conc: 7.92 ng/ml



#15 AR-1232-5

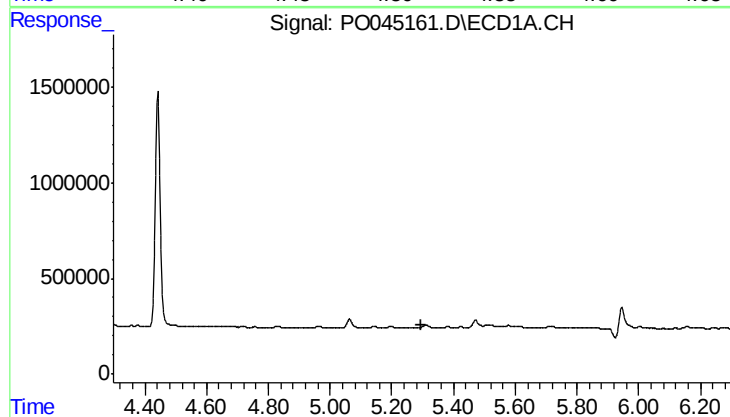
R.T.: 0.000 min  
Exp R.T.: 5.297 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



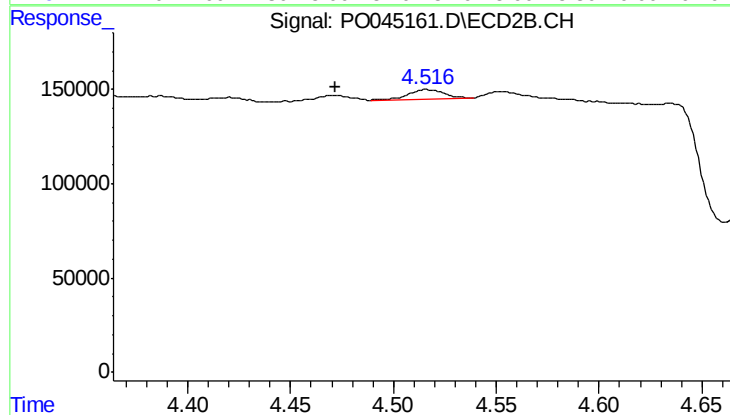
#15 AR-1232-5

R.T.: 4.516 min  
Delta R.T.: -0.035 min  
Response: 65841  
Conc: 9.17 ng/ml



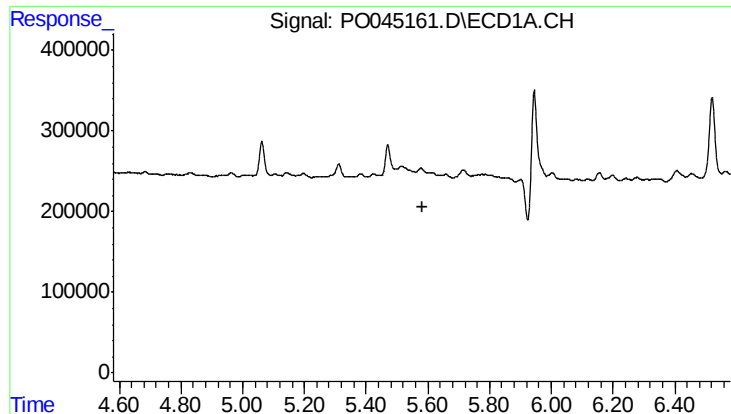
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.297 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

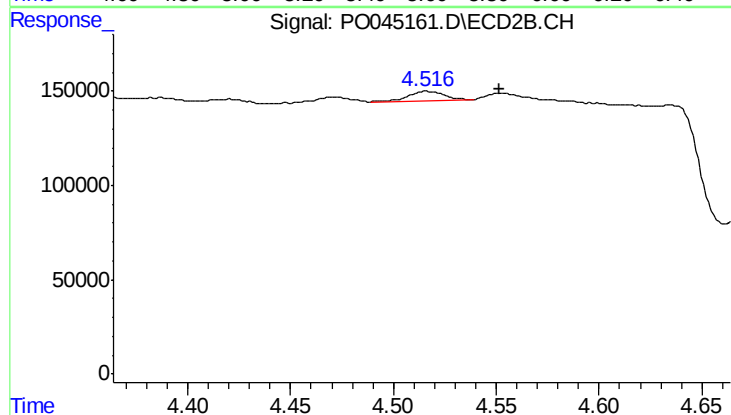
R.T.: 4.516 min  
Delta R.T.: 0.045 min  
Response: 65841  
Conc: 4.55 ng/ml



#19 AR-1242-4

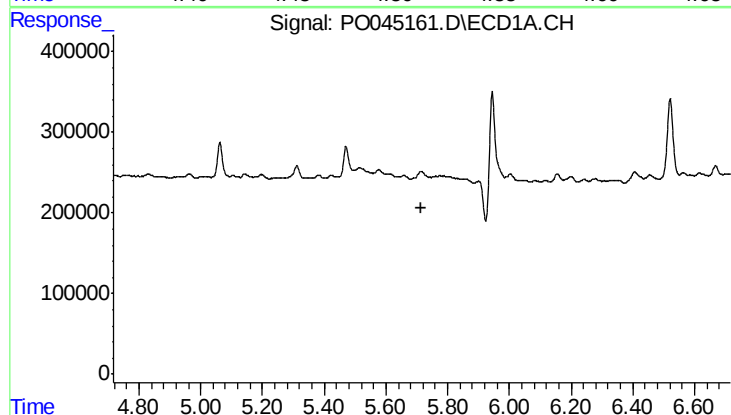
R.T.: 0.000 min  
Exp R.T.: 5.581 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



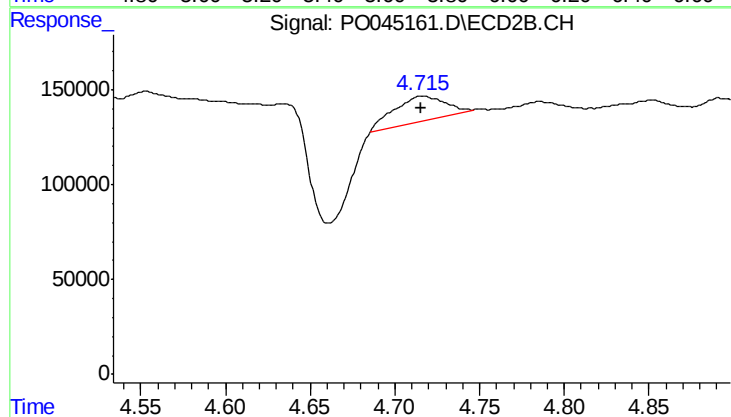
#19 AR-1242-4

R.T.: 4.516 min  
Delta R.T.: -0.036 min  
Response: 65841  
Conc: 4.86 ng/ml



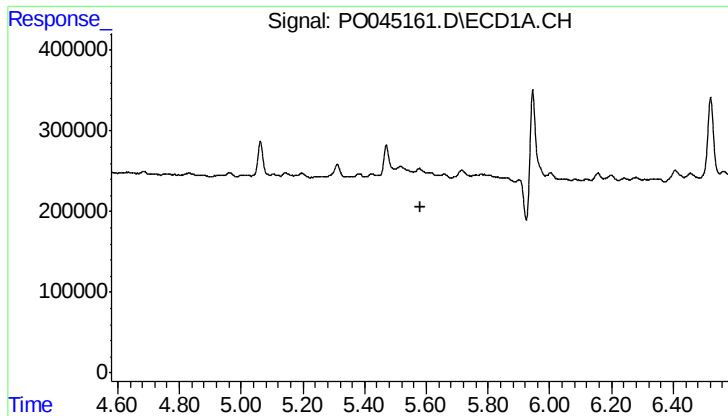
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 5.716 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

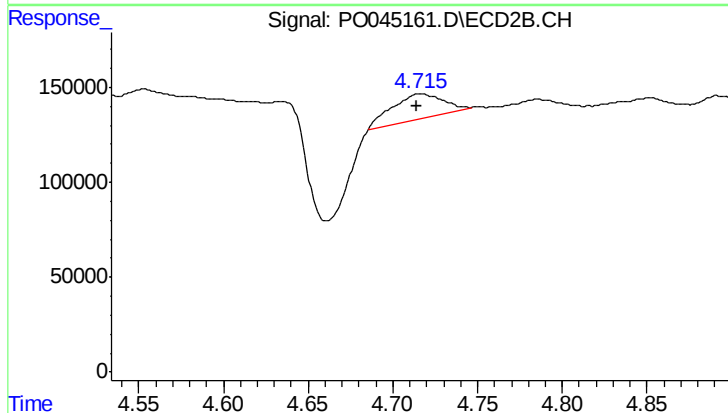
R.T.: 4.716 min  
Delta R.T.: 0.000 min  
Response: 278164  
Conc: 19.08 ng/ml



#21 AR-1248-1

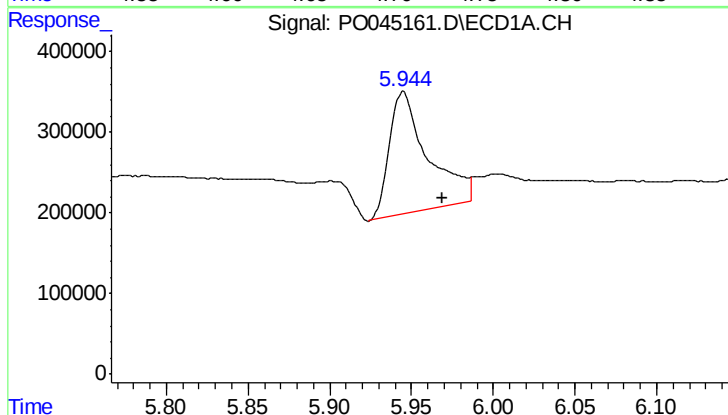
R.T.: 0.000 min  
Exp R.T.: 5.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



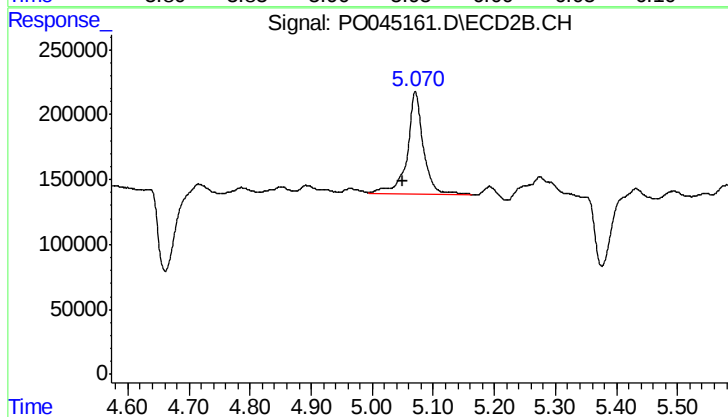
#21 AR-1248-1

R.T.: 4.716 min  
Delta R.T.: 0.002 min  
Response: 278164  
Conc: 11.34 ng/ml



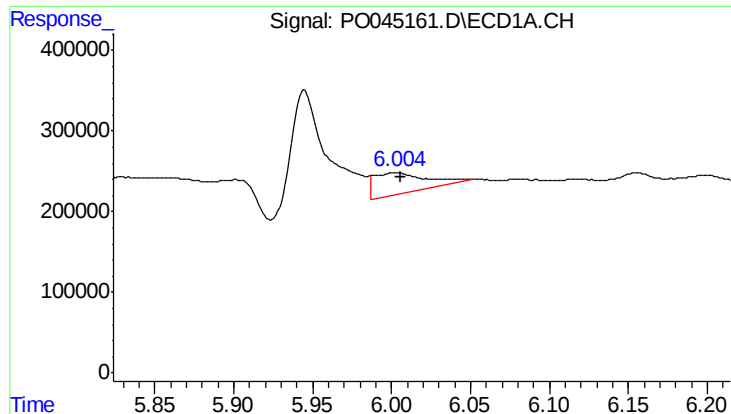
#23 AR-1248-3

R.T.: 5.945 min  
Delta R.T.: -0.024 min  
Response: 2473470  
Conc: 111.91 ng/ml



#23 AR-1248-3

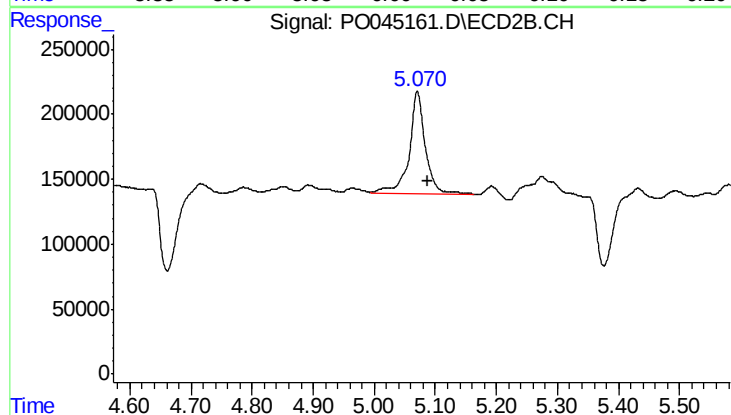
R.T.: 5.070 min  
Delta R.T.: 0.021 min  
Response: 1452750  
Conc: 40.86 ng/ml



#24 AR-1248-4

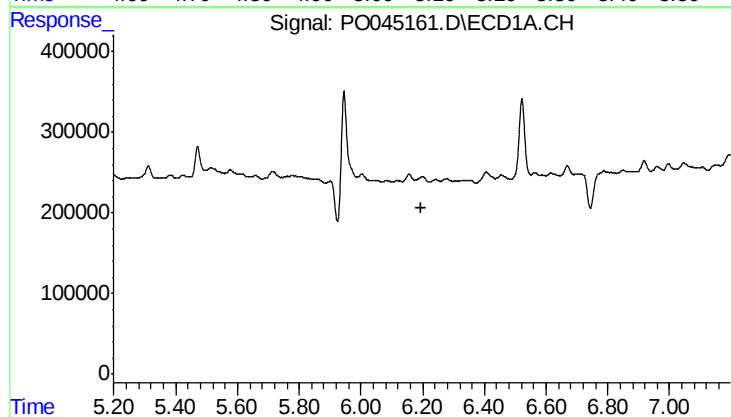
R.T.: 6.003 min  
Delta R.T.: -0.003 min  
Response: 606439  
Conc: 28.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



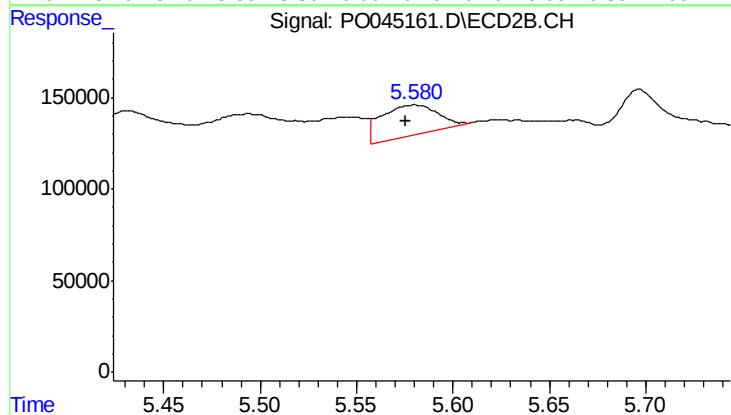
#24 AR-1248-4

R.T.: 5.070 min  
Delta R.T.: -0.017 min  
Response: 1452750  
Conc: 51.67 ng/ml



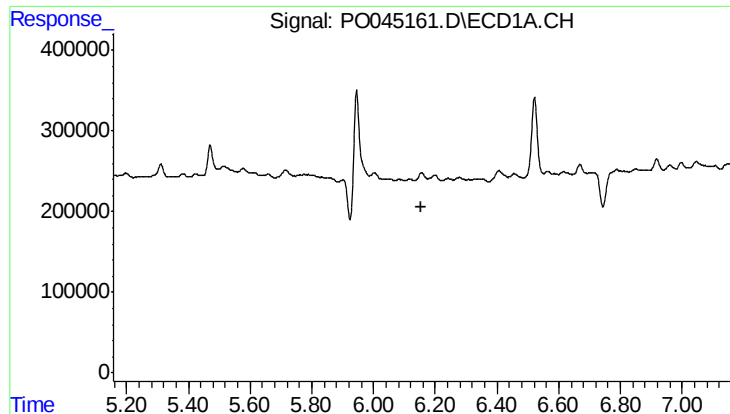
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

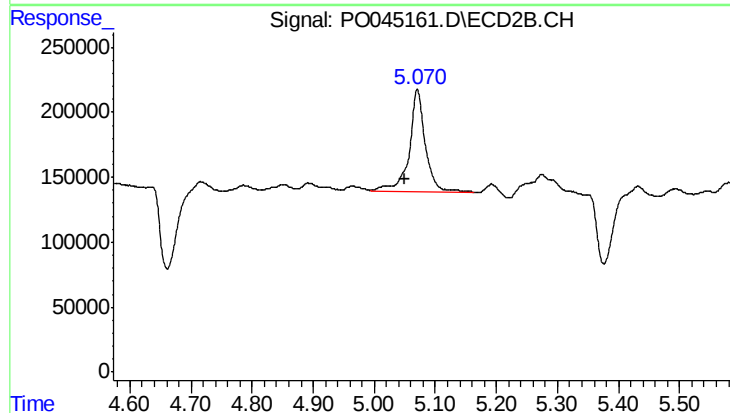
R.T.: 5.580 min  
Delta R.T.: 0.005 min  
Response: 346443  
Conc: 22.29 ng/ml



#26 AR-1254-1

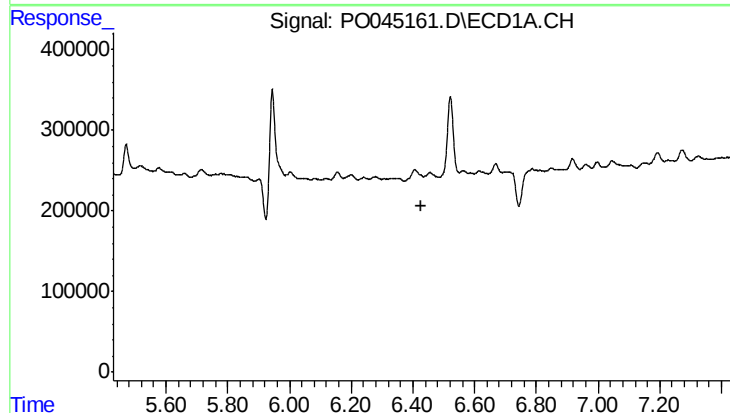
R.T.: 0.000 min  
Exp R.T.: 6.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



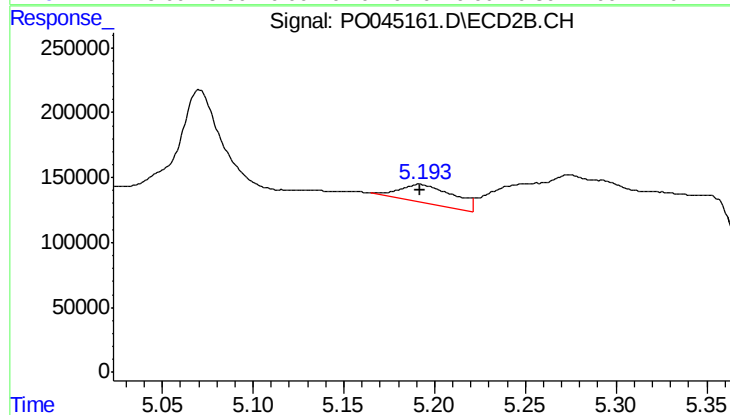
#26 AR-1254-1

R.T.: 5.070 min  
Delta R.T.: 0.021 min  
Response: 1452750  
Conc: 35.99 ng/ml



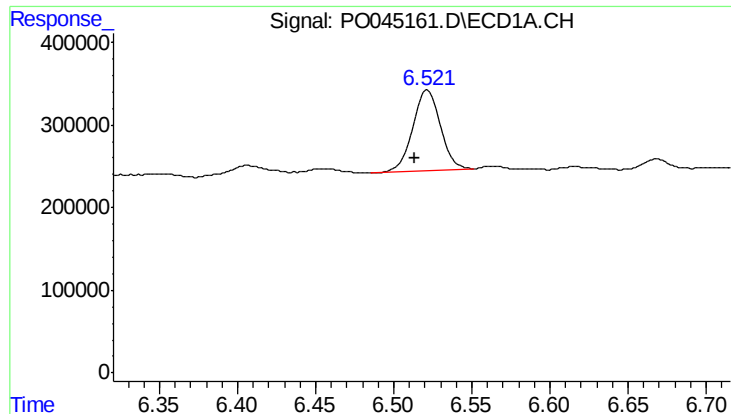
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.429 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

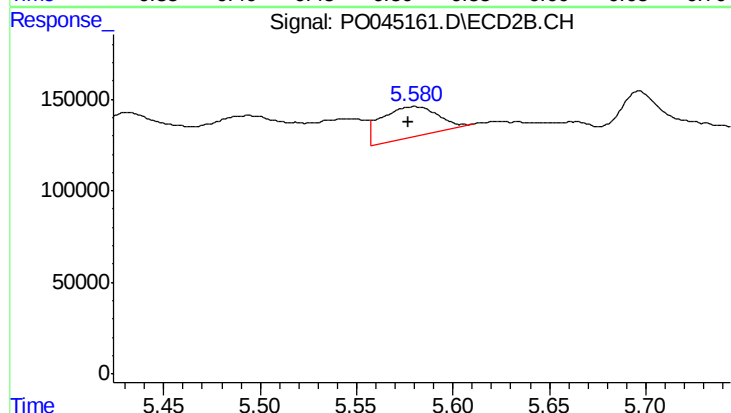
R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 296371  
Conc: 8.53 ng/ml



#28 AR-1254-3

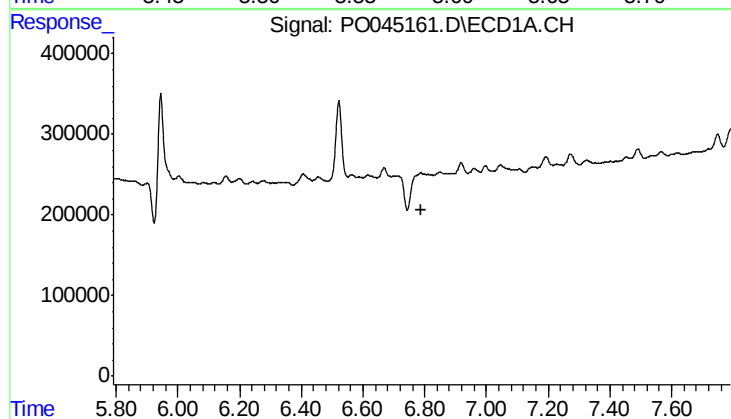
R.T.: 6.521 min  
Delta R.T.: 0.008 min  
Response: 1215433  
Conc: 31.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



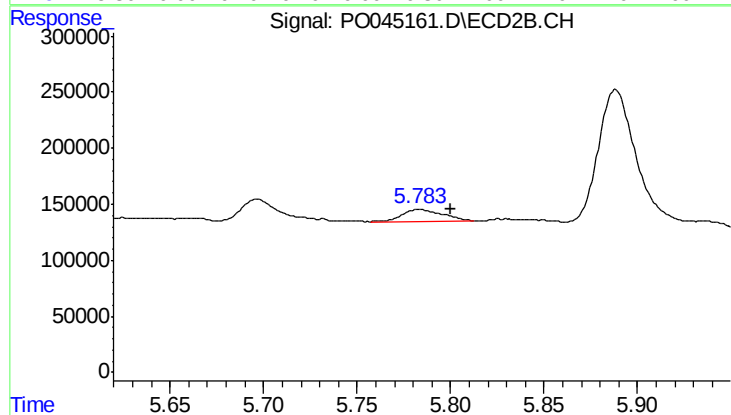
#28 AR-1254-3

R.T.: 5.580 min  
Delta R.T.: 0.004 min  
Response: 346443  
Conc: 5.98 ng/ml



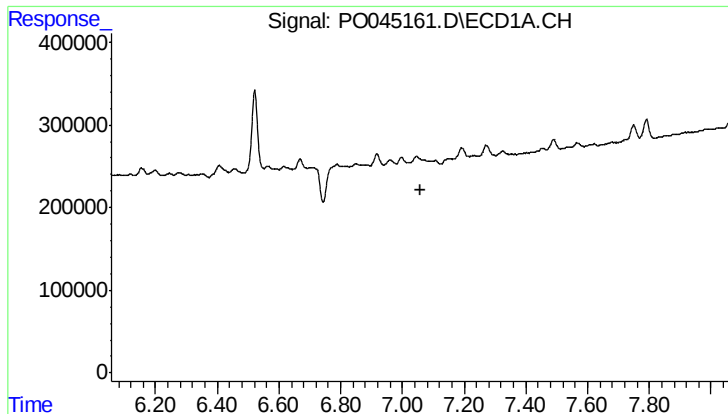
#29 AR-1254-4

R.T.: 6.848 min  
Delta R.T.: 0.058 min  
Response: -474300  
Conc: N.D.



#29 AR-1254-4

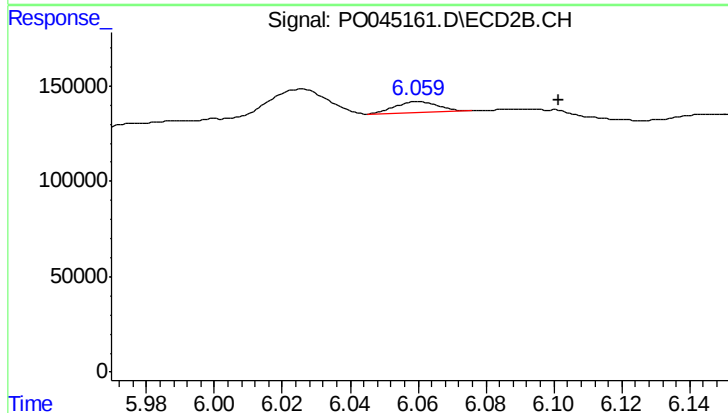
R.T.: 5.783 min  
Delta R.T.: -0.017 min  
Response: 154293  
Conc: 3.47 ng/ml



#30 AR-1254-5

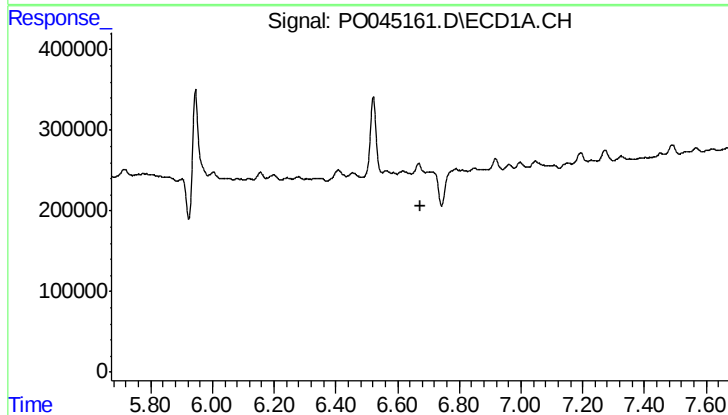
R.T.: 0.000 min  
Exp R.T.: 7.057 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



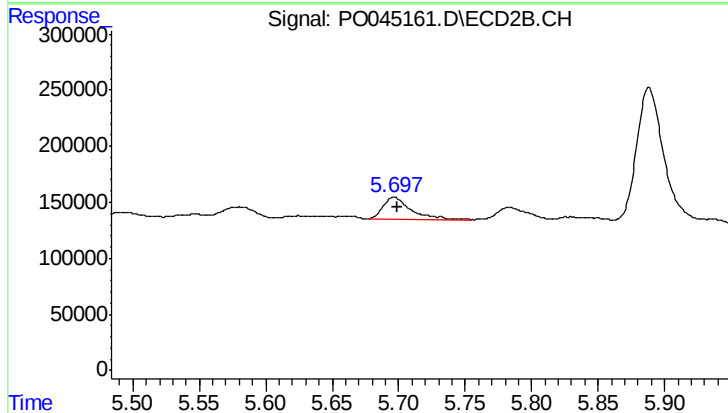
#30 AR-1254-5

R.T.: 6.060 min  
Delta R.T.: -0.041 min  
Response: 52928  
Conc: 2.00 ng/ml



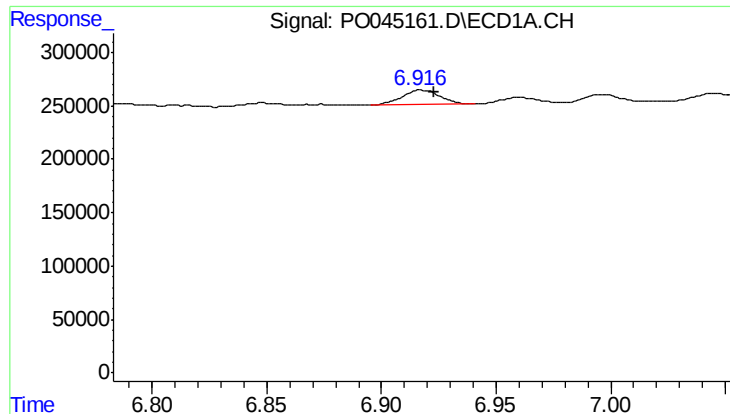
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 6.673 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

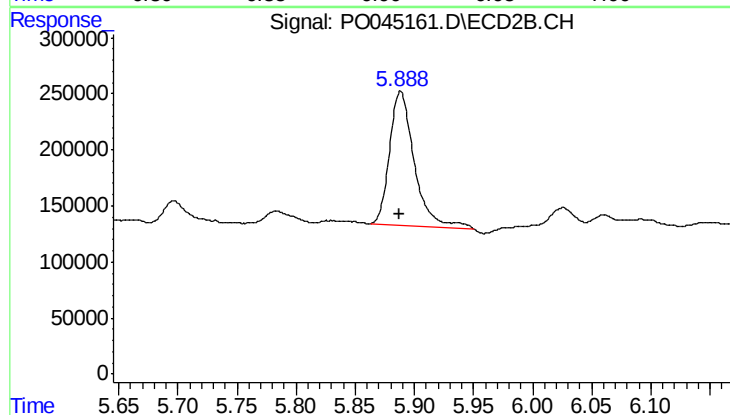
R.T.: 5.697 min  
Delta R.T.: -0.003 min  
Response: 280072  
Conc: 9.13 ng/ml



#32 AR-1260-2

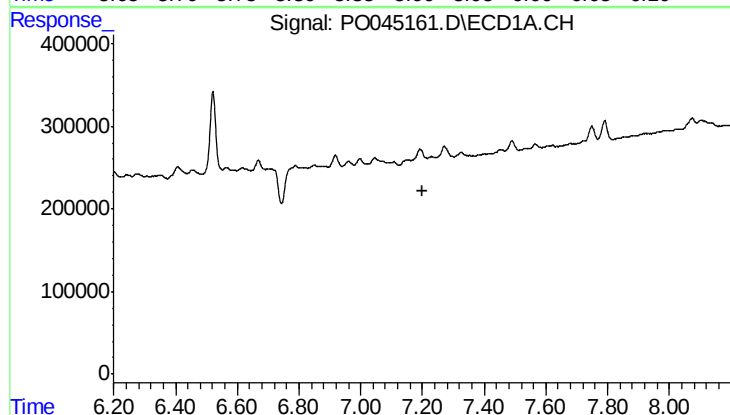
R.T.: 6.918 min  
Delta R.T.: -0.005 min  
Response: 154293  
Conc: 5.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



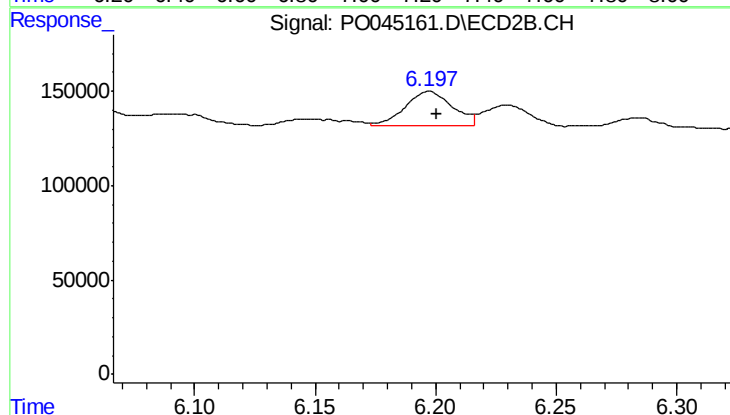
#32 AR-1260-2

R.T.: 5.888 min  
Delta R.T.: 0.001 min  
Response: 1745049  
Conc: 43.82 ng/ml



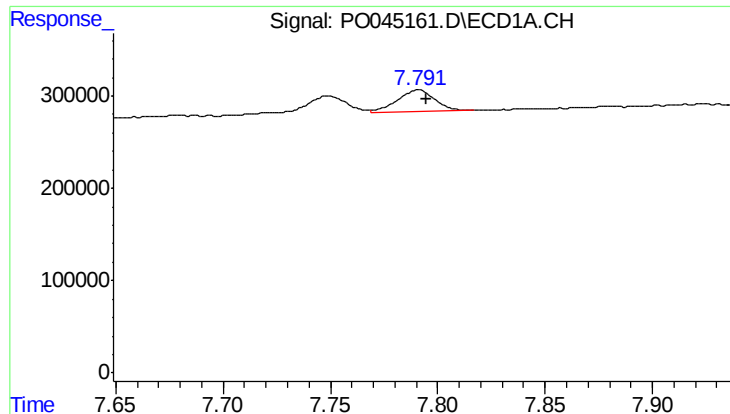
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.199 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

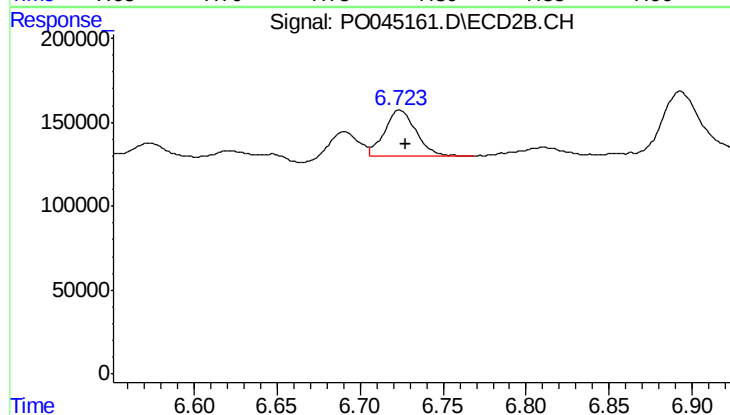
R.T.: 6.197 min  
Delta R.T.: -0.003 min  
Response: 249989  
Conc: 5.92 ng/ml



#34 AR-1260-4

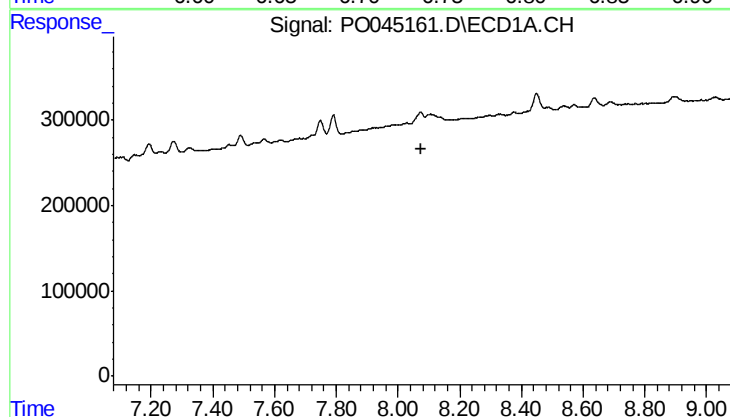
R.T.: 7.791 min  
Delta R.T.: -0.004 min  
Response: 291596  
Conc: 4.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



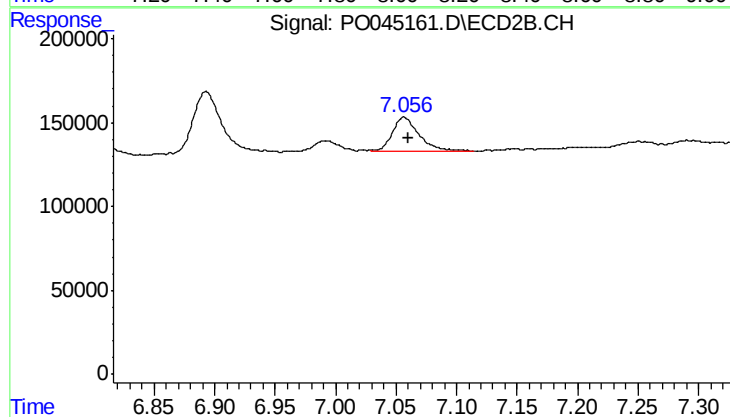
#34 AR-1260-4

R.T.: 6.724 min  
Delta R.T.: -0.004 min  
Response: 366293  
Conc: 4.55 ng/ml



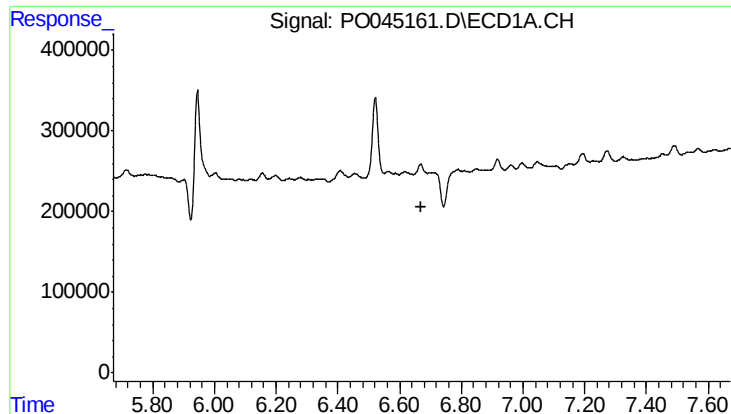
#35 AR-1260-5

R.T.: 8.073 min  
Delta R.T.: -0.004 min  
Response: -137178  
Conc: N.D.



#35 AR-1260-5

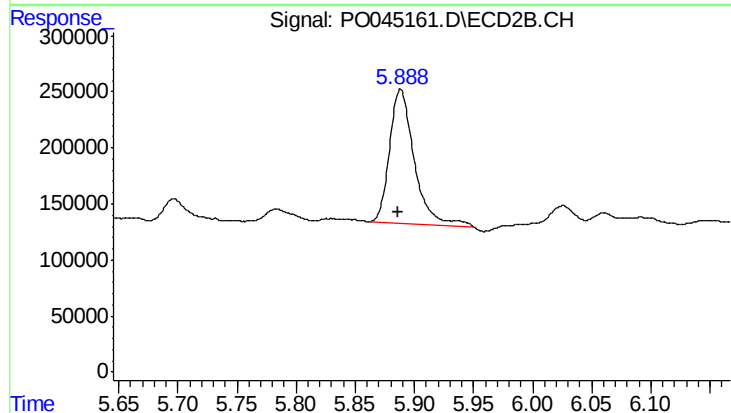
R.T.: 7.057 min  
Delta R.T.: -0.004 min  
Response: 305536  
Conc: 5.47 ng/ml



#36 AR-1262-1

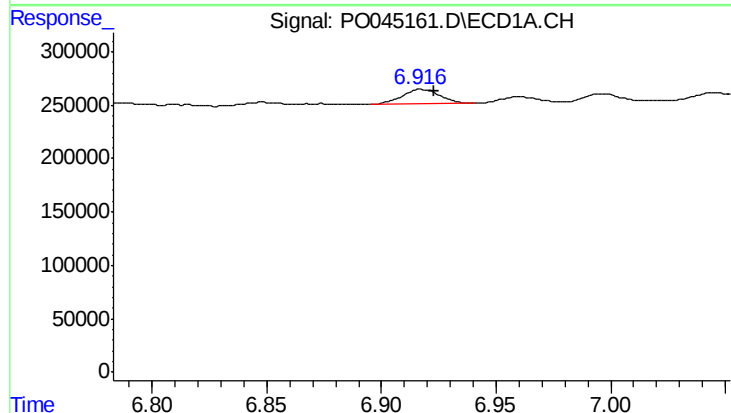
R.T.: 0.000 min  
Exp R.T.: 6.672 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



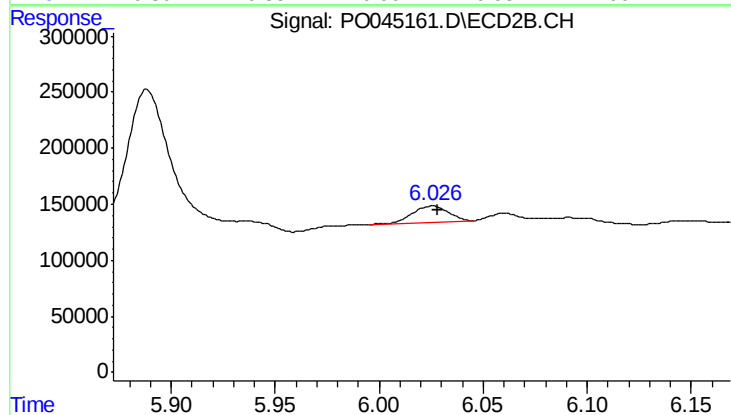
#36 AR-1262-1

R.T.: 5.888 min  
Delta R.T.: 0.002 min  
Response: 1745049  
Conc: 41.21 ng/ml



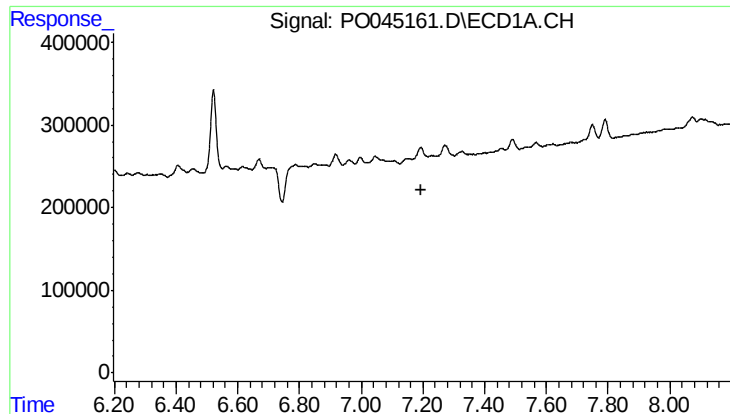
#37 AR-1262-2

R.T.: 6.918 min  
Delta R.T.: -0.005 min  
Response: 154293  
Conc: 4.93 ng/ml



#37 AR-1262-2

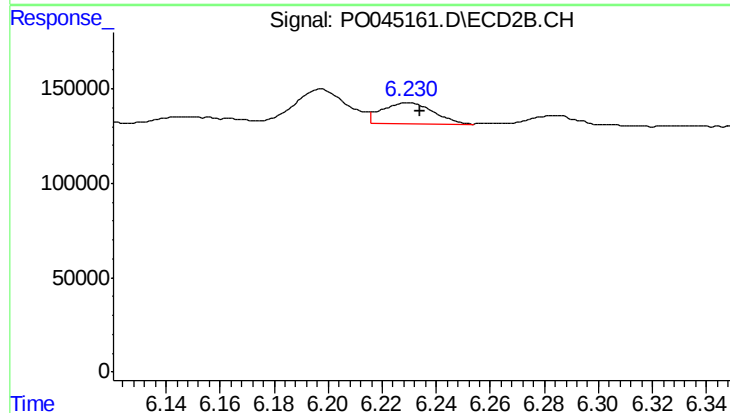
R.T.: 6.026 min  
Delta R.T.: -0.002 min  
Response: 177613  
Conc: 4.70 ng/ml



#38 AR-1262-3

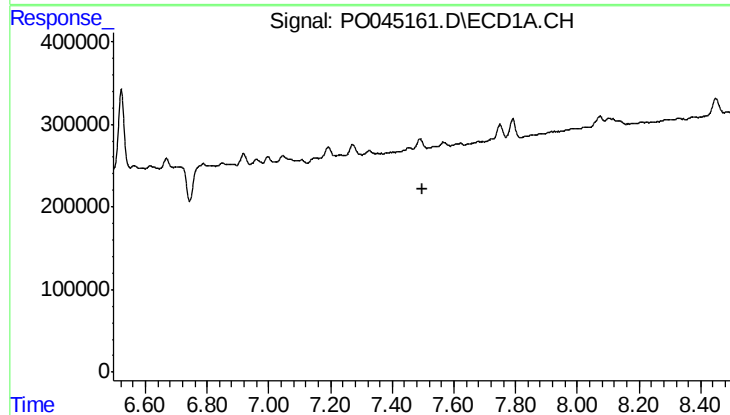
R.T.: 0.000 min  
Exp R.T.: 7.197 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



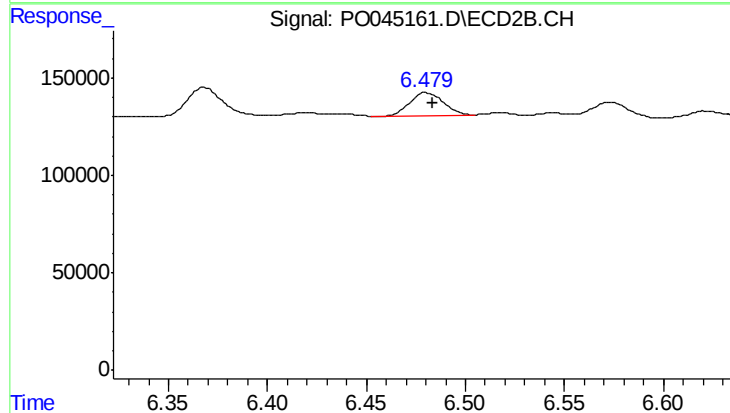
#38 AR-1262-3

R.T.: 6.230 min  
Delta R.T.: -0.004 min  
Response: 147728  
Conc: 2.14 ng/ml



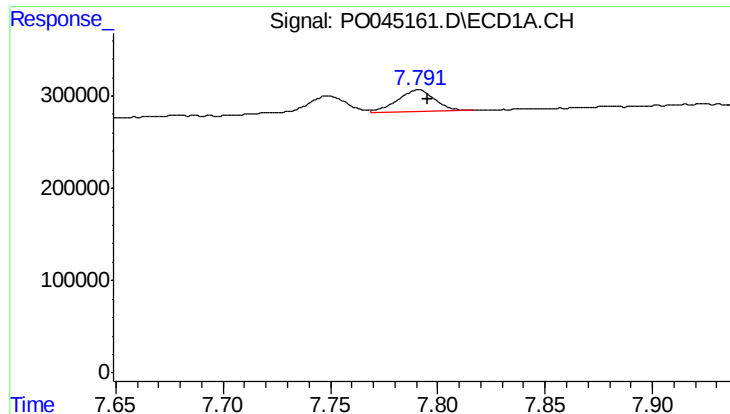
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 7.496 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

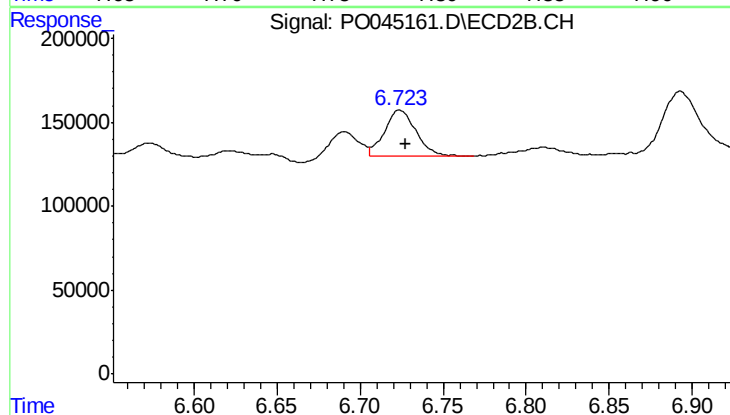
R.T.: 6.480 min  
Delta R.T.: -0.004 min  
Response: 141534  
Conc: 2.50 ng/ml



#40 AR-1262-5

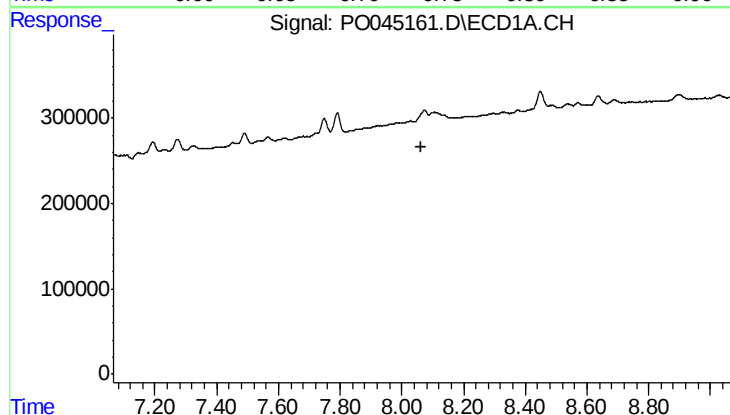
R.T.: 7.791 min  
Delta R.T.: -0.005 min  
Response: 291596  
Conc: 3.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



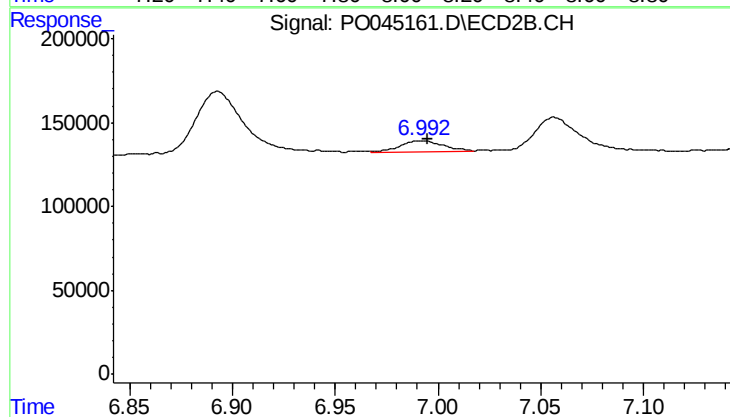
#40 AR-1262-5

R.T.: 6.724 min  
Delta R.T.: -0.004 min  
Response: 366293  
Conc: 2.87 ng/ml



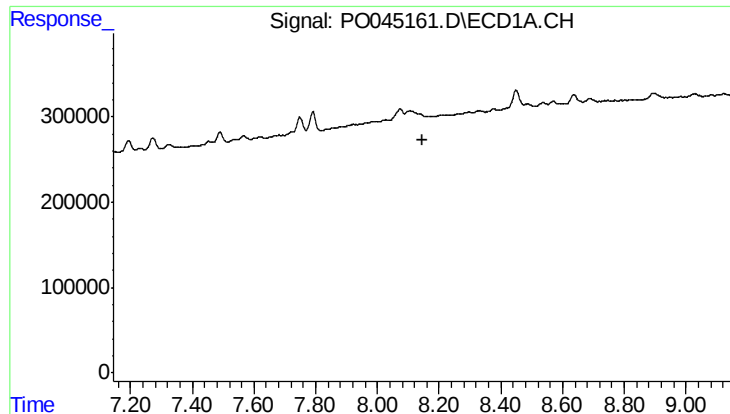
#41 AR-1268-1

R.T.: 8.073 min  
Delta R.T.: 0.008 min  
Response: -137178  
Conc: N.D.



#41 AR-1268-1

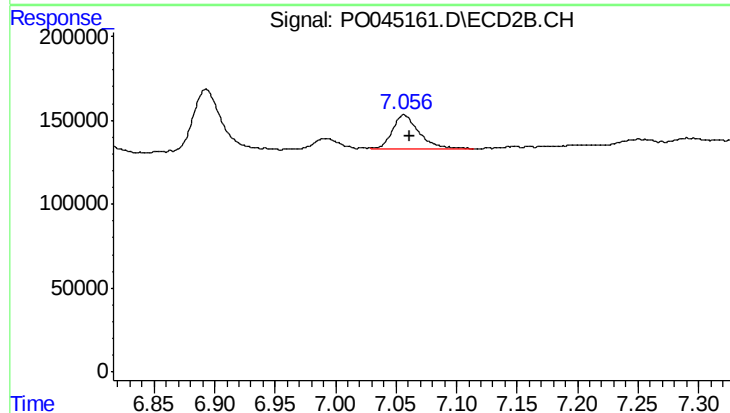
R.T.: 6.993 min  
Delta R.T.: -0.002 min  
Response: 94124  
Conc: 0.70 ng/ml



#42 AR-1268-2

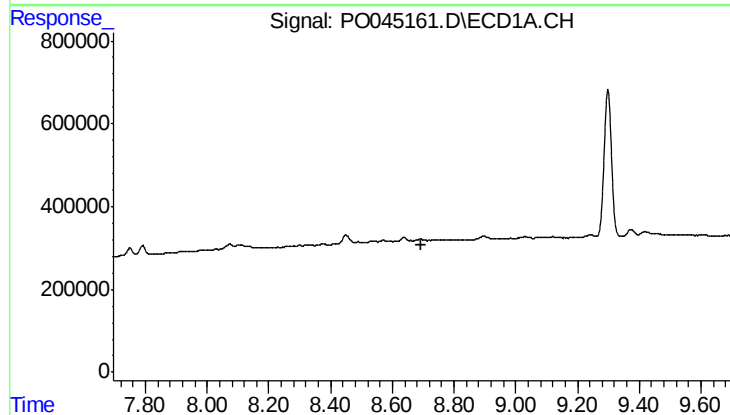
R.T.: 0.000 min  
Exp R.T.: 8.145 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



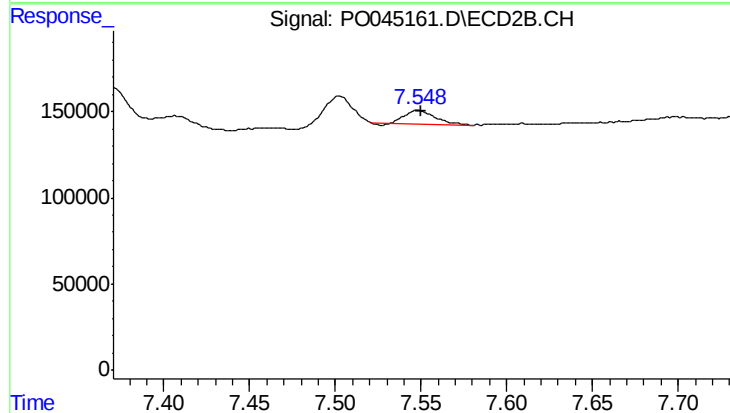
#42 AR-1268-2

R.T.: 7.057 min  
Delta R.T.: -0.005 min  
Response: 305536  
Conc: 2.44 ng/ml



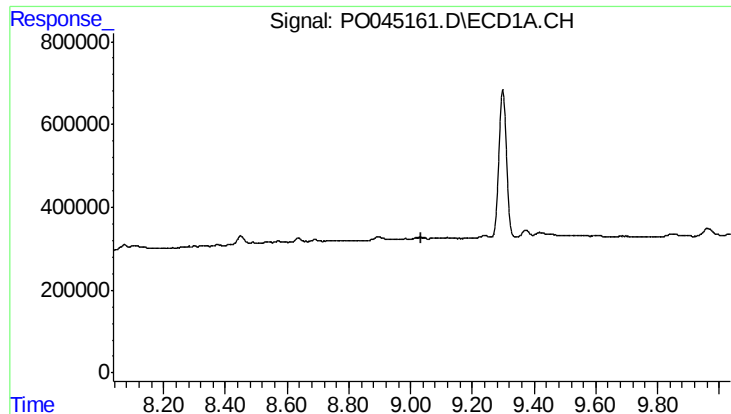
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 8.696 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

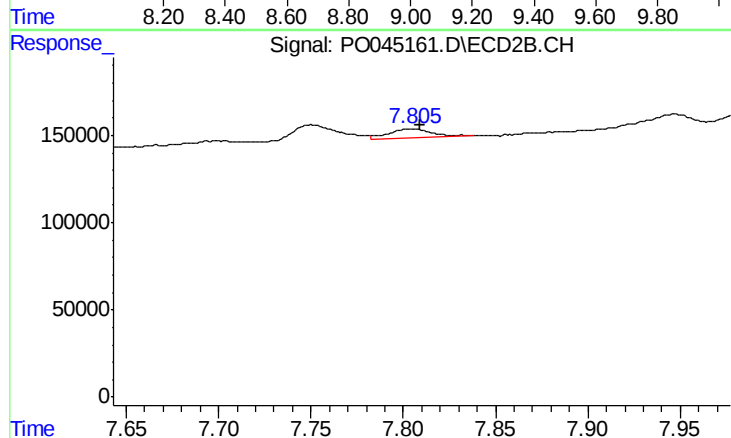
R.T.: 7.548 min  
Delta R.T.: -0.002 min  
Response: 92108  
Conc: 2.32 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
J3126-04



#45 AR-1268-5

R.T.: 7.805 min  
Delta R.T.: -0.004 min  
Response: 81925  
Conc: 0.27 ng/ml