

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0013120\  
 Data File : P0066179.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 31 Jan 2020 21:50 (#1); 31 Jan 2020 21:49 (#2)  
 Operator : DD\AJ  
 Sample : L1321-01DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PCB-012320-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 03 00:34:23 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0013020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 31 01:14:46 2020  
 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... | 4.146 | 3.425 | 173107  | 226450  | 5.942    | 5.536      |
| 2)                          | SA Decachlor... | 9.632 | 8.317 | 171331  | 252567  | 4.348    | 4.309      |
| Target Compounds            |                 |       |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.264 | 4.497 | 781986  | 70914   | 595.076  | 40.750 #   |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.497 | 0       | 70914   | N.D.     | 25.715 #   |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.711 | 0       | 1191039 | N.D.     | 855.534 #  |
| 6)                          | L1 AR-1016-4    | 5.563 | 4.711 | 909357  | 1191039 | 919.473  | 1030.915   |
| 7)                          | L1 AR-1016-5    | 5.762 | 4.920 | 492415  | 679526  | 486.735  | 455.607    |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.831 | 0       | 28922   | N.D.     | 24.186 #   |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.831 | 0       | 28922   | N.D.     | 31.134 #   |
| 12)                         | L3 AR-1232-2    | 5.063 | 4.497 | 83208   | 70914   | 199.640  | 64.011 #   |
| 13)                         | L3 AR-1232-3    | 5.264 | 4.711 | 781986  | 1191039 | 959.747  | 2136.382 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.751 | 0       | 301901  | N.D.     | 625.541 #  |
| 15)                         | L3 AR-1232-5    | 5.563 | 4.920 | 909357  | 679526  | 3320.801 | 1317.510 # |
| 16)                         | L4 AR-1242-1    | 5.264 | 4.497 | 781986  | 70914   | 772.099  | 53.462 #   |
| 17)                         | L4 AR-1242-2    | 5.264 | 4.497 | 781986  | 70914   | 527.526  | 33.443 #   |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.711 | 0       | 1191039 | N.D.     | 1120.557 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.751 | 0       | 301901  | N.D.     | 293.695 #  |
| 20)                         | L4 AR-1242-5    | 6.201 | 5.266 | 368896  | 2244912 | 397.750  | 1623.457 # |
| 21)                         | L5 AR-1248-1    | 5.264 | 4.480 | 781986  | 67720   | 1025.753 | 65.186 #   |
| 22)                         | L5 AR-1248-2    | 5.563 | 4.711 | 909357  | 1191039 | 838.677  | 801.687    |
| 23)                         | L5 AR-1248-3    | 5.762 | 4.751 | 492415  | 301901  | 403.260  | 201.911 #  |
| 24)                         | L5 AR-1248-4    | 6.162 | 4.920 | 560624  | 679526  | 355.194  | 376.404    |
| 25)                         | L5 AR-1248-5    | 6.201 | 5.306 | 368896  | 312651  | 248.150  | 159.873 #  |
| 26)                         | L6 AR-1254-1    | 6.134 | 5.266 | 1275526 | 2244912 | 820.956  | 705.259    |
| 27)                         | L6 AR-1254-2    | 6.351 | 5.412 | 1470687 | 1513453 | 591.861  | 515.697    |
| 28)                         | L6 AR-1254-3    | 6.713 | 5.810 | 902450  | 1669534 | 337.730  | 363.553    |
| 29)                         | L6 AR-1254-4    | 6.996 | 6.037 | 464383  | 580669  | 201.110  | 184.288    |
| 30)                         | L6 AR-1254-5    | 7.411 | 6.448 | 597879  | 682640  | 262.026  | 161.173 #  |
| 31)                         | L7 AR-1260-1    | 6.874 | 5.937 | 514284  | 863950  | 256.512  | 268.570    |
| 32)                         | L7 AR-1260-2    | 7.171 | 6.125 | 188779  | 952571  | 68.516   | 211.411 #  |
| 33)                         | L7 AR-1260-3    | 7.485 | 6.275 | 226865  | 623443  | 99.082   | 165.392 #  |
| 34)                         | L7 AR-1260-4    | 7.707 | 6.742 | 214566  | 182959  | 94.128   | 58.462 #   |
| 35)                         | L7 AR-1260-5    | 8.014 | 6.984 | 229226  | 369398  | 46.283   | 44.607     |
| 36)                         | L8 AR-1262-1    | 7.485 | 6.540 | 226865  | 229097  | 68.802   | 108.744 #  |
| 37)                         | L8 AR-1262-2    | 8.014 | 6.984 | 229226  | 369398  | 42.055   | 39.035     |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.304 | 0       | 60223   | N.D.     | 15.648 #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.326 | 0       | 168687  | N.D.     | 25.667 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.304 | 0       | 60223   | N.D.     | 5.015 #    |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.326 | 0       | 168687  | N.D.     | 16.334 #   |
| -----                       |                 |       |       |         |         |          |            |

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

Instrument :

ECD\_O

ClientSampleId :

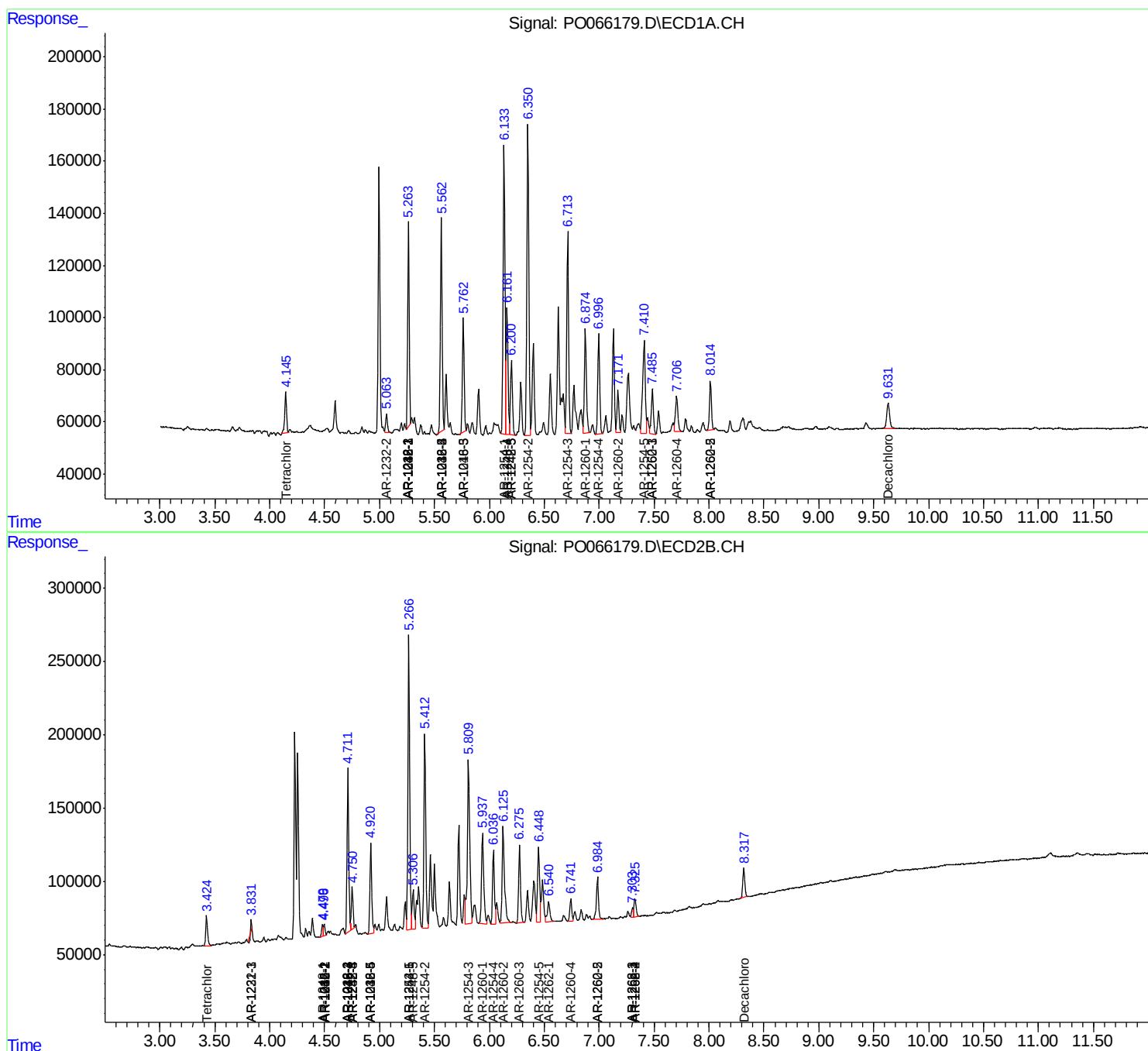
PCB-012320-01

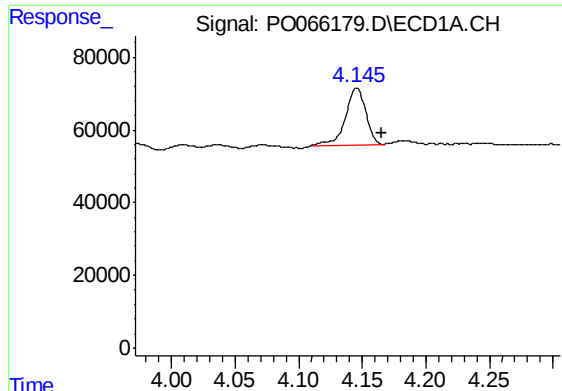
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO013120\  
Data File : PO066179.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 31 Jan 2020 21:50 (#1); 31 Jan 2020 21:49 (#2)  
Operator : DD\AJ  
Sample : L1321-01DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 03 00:34:23 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO013020.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 31 01:14:46 2020  
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

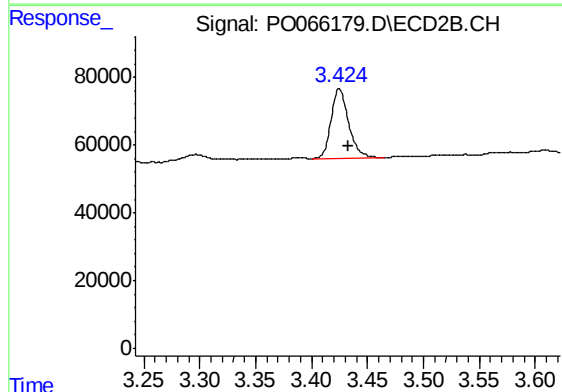




#1 Tetrachloro-m-xylene

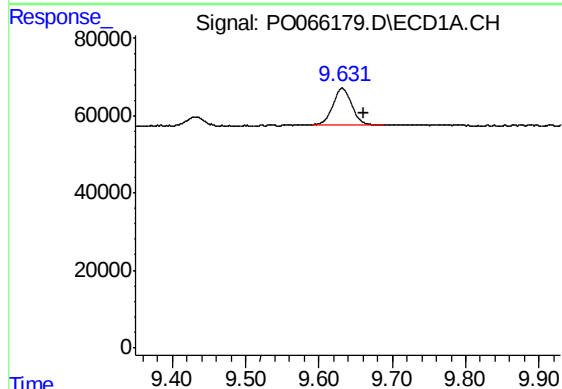
R.T.: 4.146 min  
Delta R.T.: -0.019 min  
Response: 173107  
Conc: 5.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



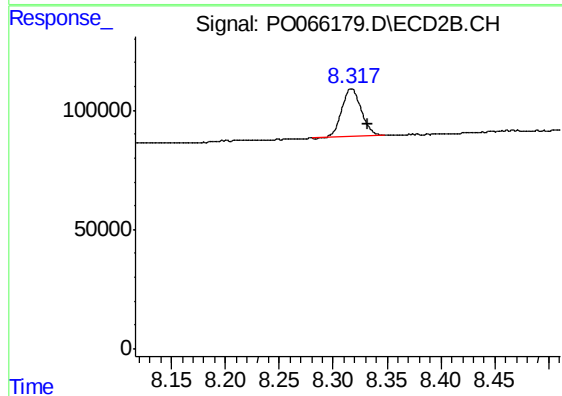
#1 Tetrachloro-m-xylene

R.T.: 3.425 min  
Delta R.T.: -0.008 min  
Response: 226450  
Conc: 5.54 ng/ml



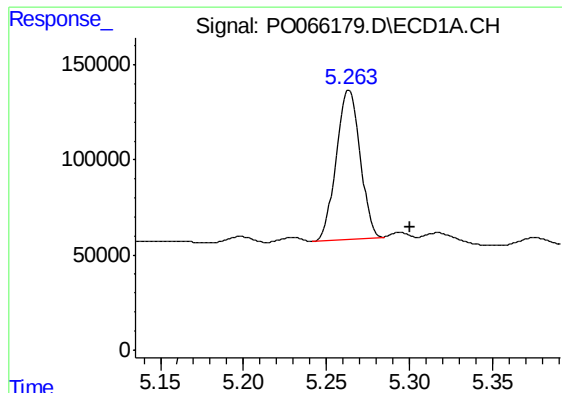
#2 Decachlorobiphenyl

R.T.: 9.632 min  
Delta R.T.: -0.030 min  
Response: 171331  
Conc: 4.35 ng/ml



#2 Decachlorobiphenyl

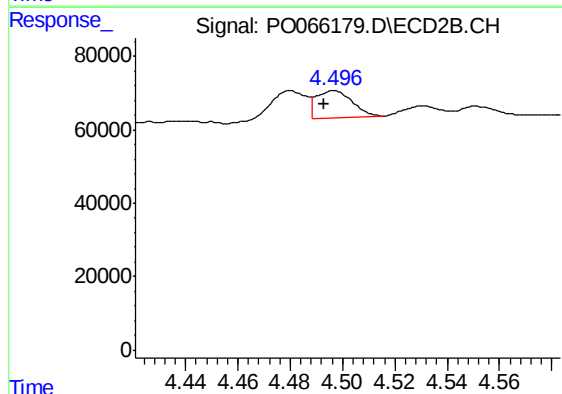
R.T.: 8.317 min  
Delta R.T.: -0.015 min  
Response: 252567  
Conc: 4.31 ng/ml



#3 AR-1016-1

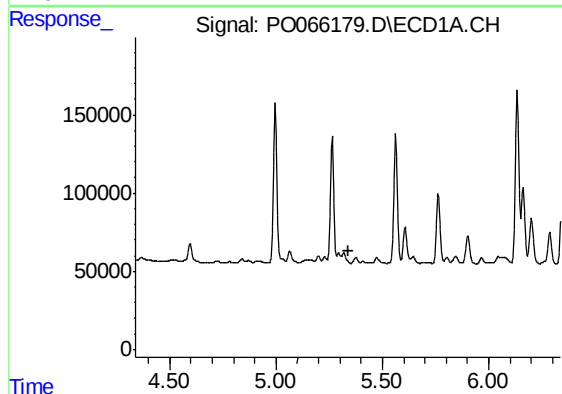
R.T.: 5.264 min  
Delta R.T.: -0.036 min  
Response: 781986  
Conc: 595.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



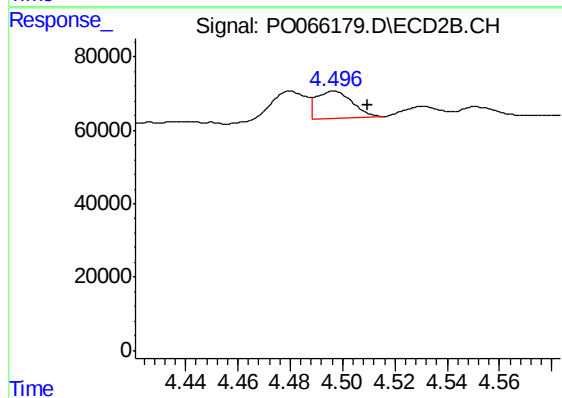
#3 AR-1016-1

R.T.: 4.497 min  
Delta R.T.: 0.004 min  
Response: 70914  
Conc: 40.75 ng/ml



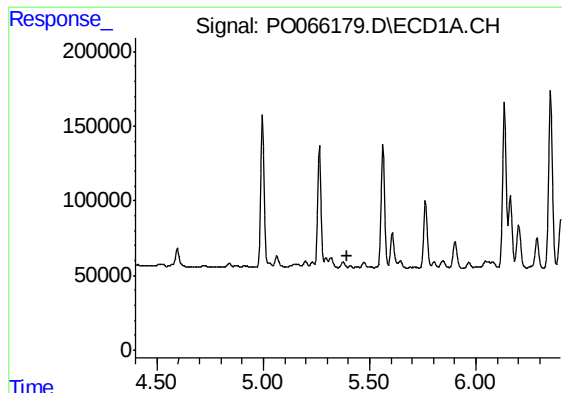
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.338 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

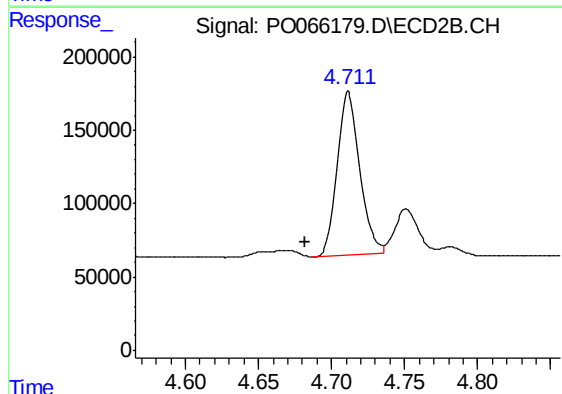
R.T.: 4.497 min  
Delta R.T.: -0.013 min  
Response: 70914  
Conc: 25.72 ng/ml



#5 AR-1016-3

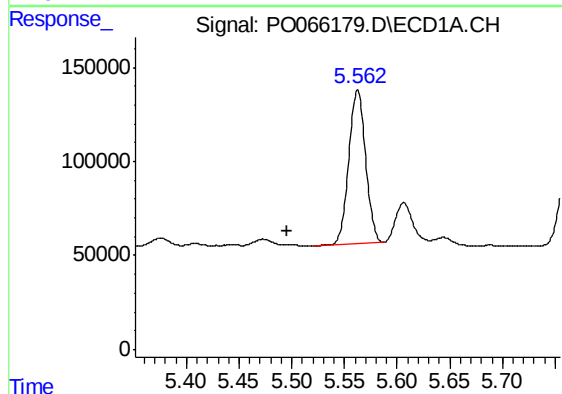
R.T.: 0.000 min  
Exp R.T.: 5.398 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



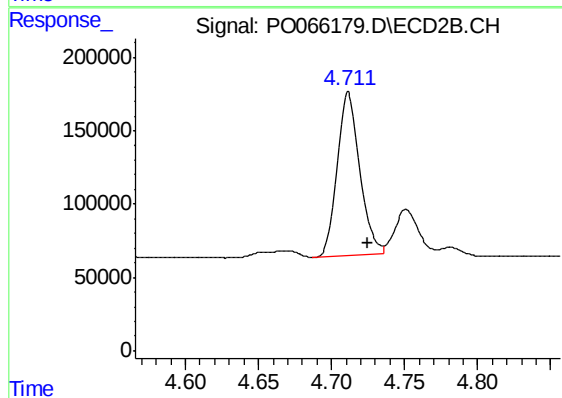
#5 AR-1016-3

R.T.: 4.711 min  
Delta R.T.: 0.029 min  
Response: 1191039  
Conc: 855.53 ng/ml



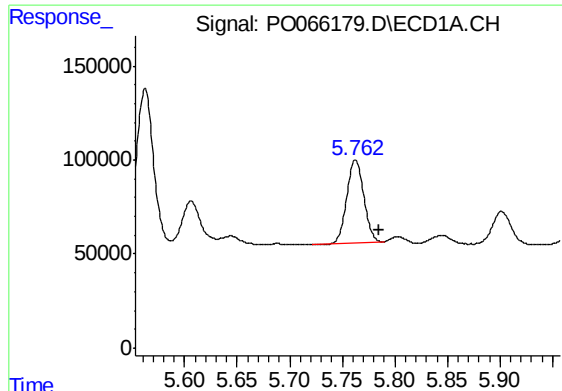
#6 AR-1016-4

R.T.: 5.563 min  
Delta R.T.: 0.067 min  
Response: 909357  
Conc: 919.47 ng/ml



#6 AR-1016-4

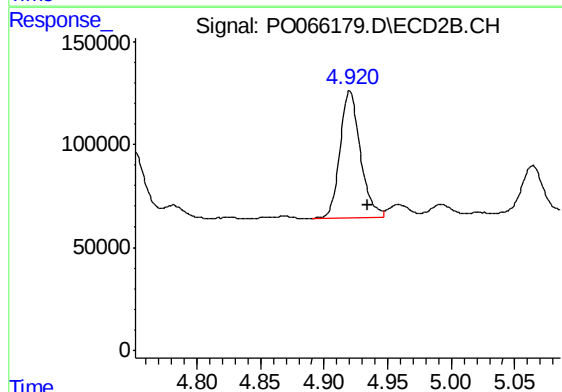
R.T.: 4.711 min  
Delta R.T.: -0.014 min  
Response: 1191039  
Conc: 1030.92 ng/ml



#7 AR-1016-5

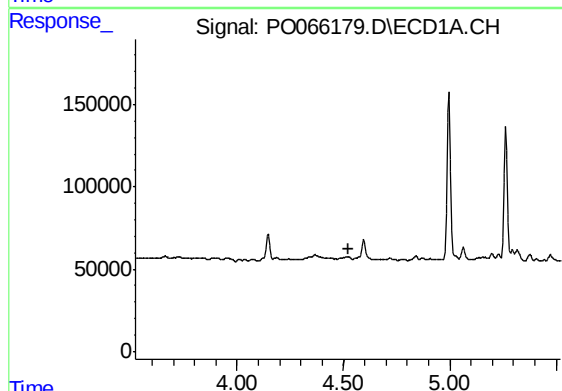
R.T.: 5.762 min  
Delta R.T.: -0.023 min  
Response: 492415  
Conc: 486.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



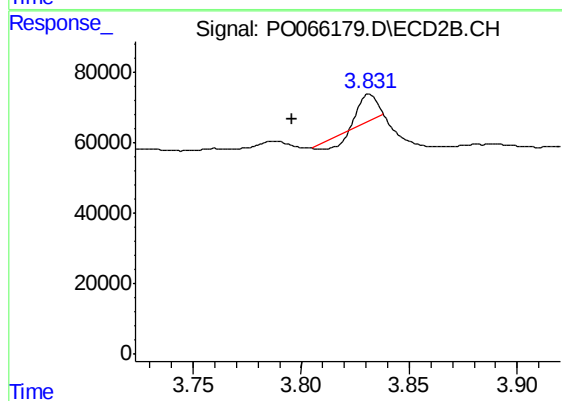
#7 AR-1016-5

R.T.: 4.920 min  
Delta R.T.: -0.014 min  
Response: 679526  
Conc: 455.61 ng/ml



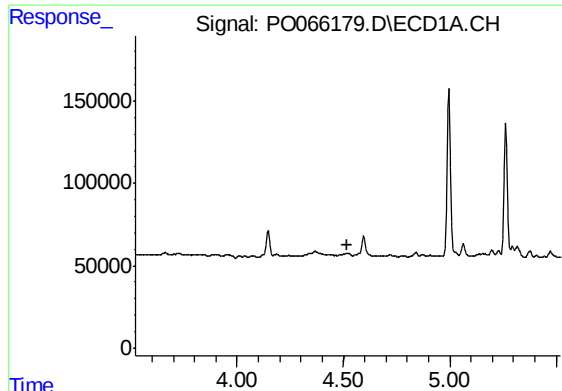
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.521 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

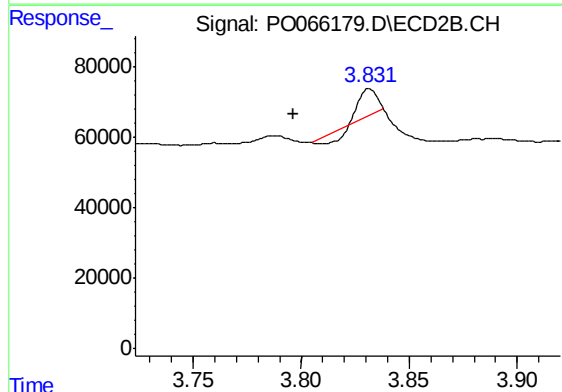
R.T.: 3.831 min  
Delta R.T.: 0.036 min  
Response: 28922  
Conc: 24.19 ng/ml



#11 AR-1232-1

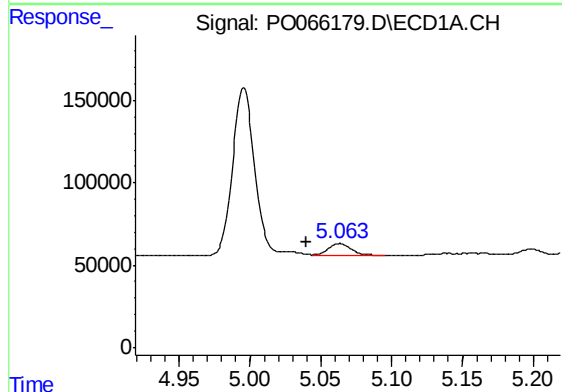
R.T.: 0.000 min  
Exp R.T.: 4.521 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



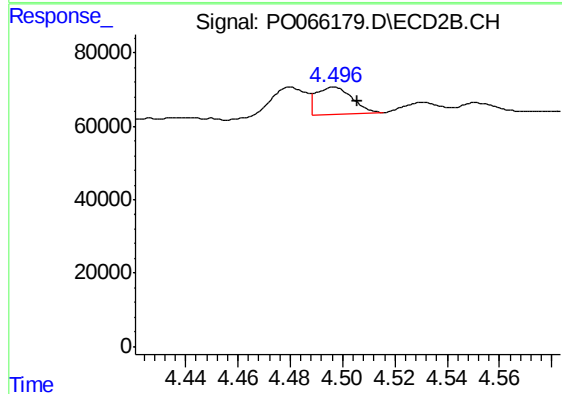
#11 AR-1232-1

R.T.: 3.831 min  
Delta R.T.: 0.035 min  
Response: 28922  
Conc: 31.13 ng/ml



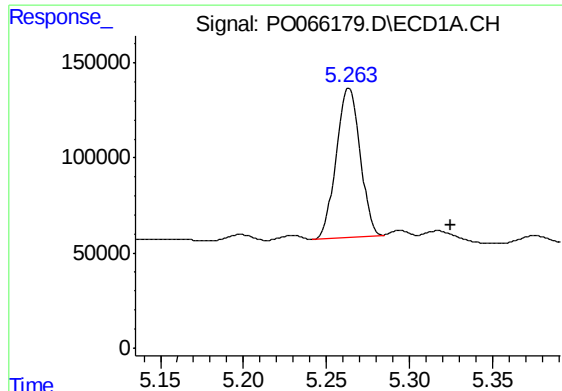
#12 AR-1232-2

R.T.: 5.063 min  
Delta R.T.: 0.024 min  
Response: 83208  
Conc: 199.64 ng/ml



#12 AR-1232-2

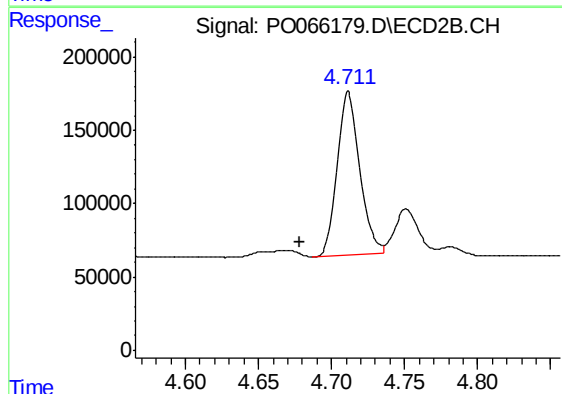
R.T.: 4.497 min  
Delta R.T.: -0.009 min  
Response: 70914  
Conc: 64.01 ng/ml



#13 AR-1232-3

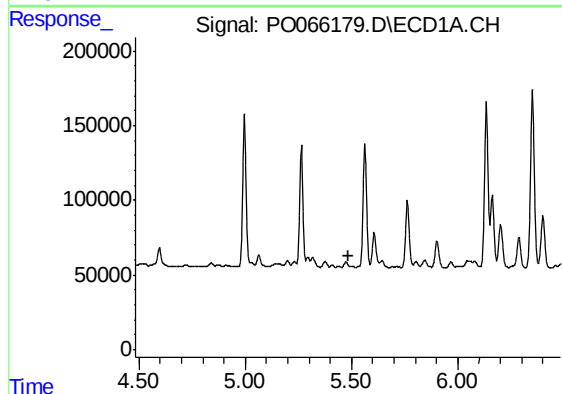
R.T.: 5.264 min  
Delta R.T.: -0.062 min  
Response: 781986  
Conc: 959.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



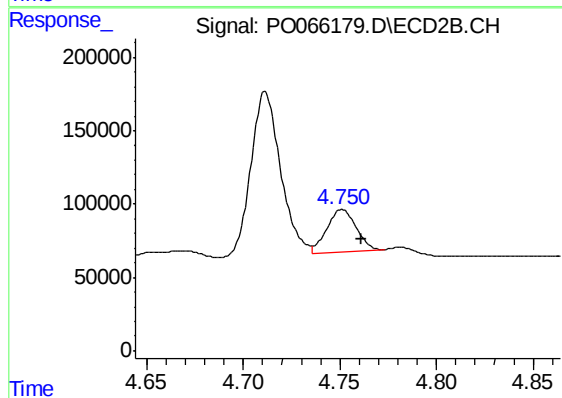
#13 AR-1232-3

R.T.: 4.711 min  
Delta R.T.: 0.033 min  
Response: 1191039  
Conc: 2136.38 ng/ml



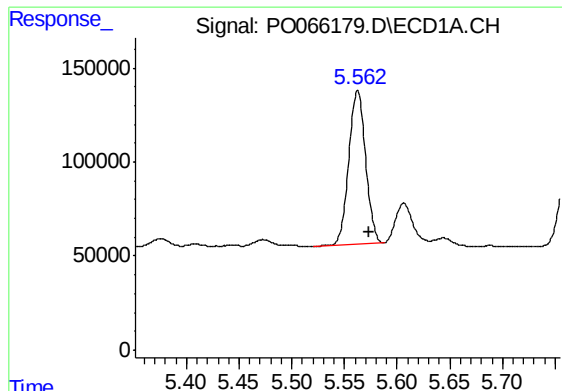
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.483 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

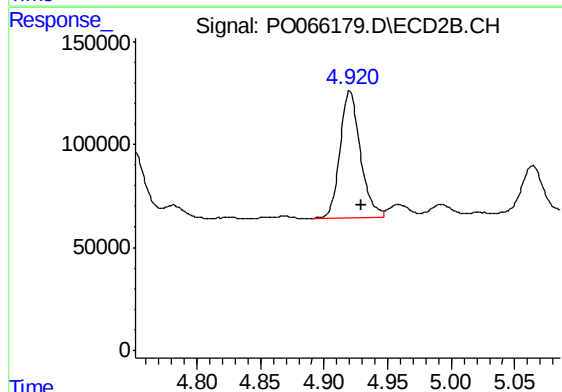
R.T.: 4.751 min  
Delta R.T.: -0.010 min  
Response: 301901  
Conc: 625.54 ng/ml



#15 AR-1232-5

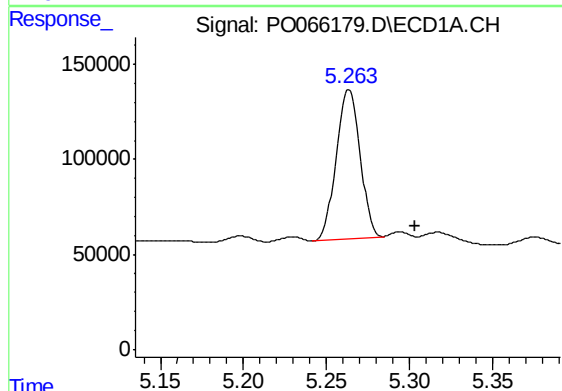
R.T.: 5.563 min  
Delta R.T.: -0.010 min  
Response: 909357  
Conc: 3320.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



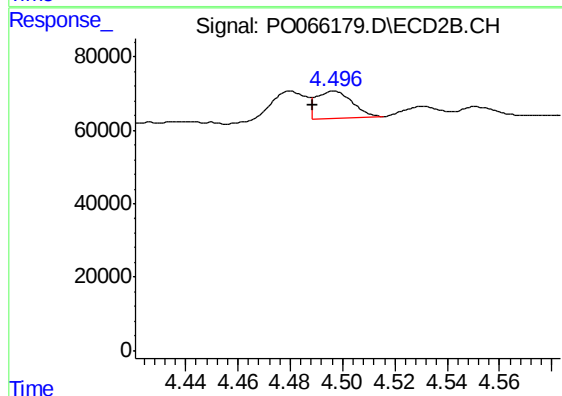
#15 AR-1232-5

R.T.: 4.920 min  
Delta R.T.: -0.010 min  
Response: 679526  
Conc: 1317.51 ng/ml



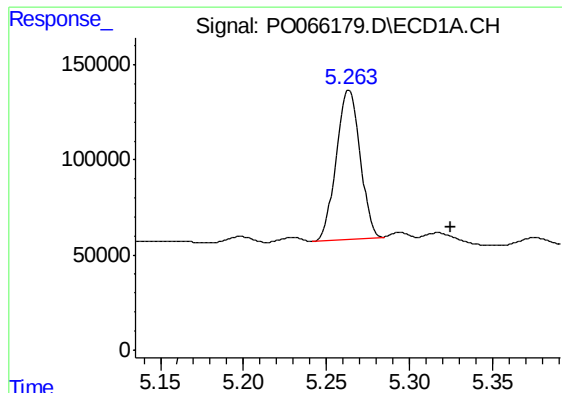
#16 AR-1242-1

R.T.: 5.264 min  
Delta R.T.: -0.040 min  
Response: 781986  
Conc: 772.10 ng/ml



#16 AR-1242-1

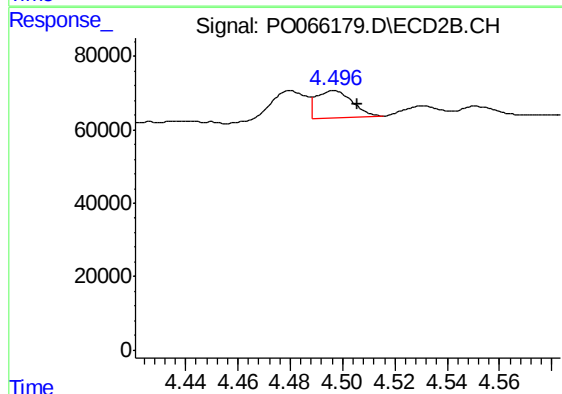
R.T.: 4.497 min  
Delta R.T.: 0.008 min  
Response: 70914  
Conc: 53.46 ng/ml



#17 AR-1242-2

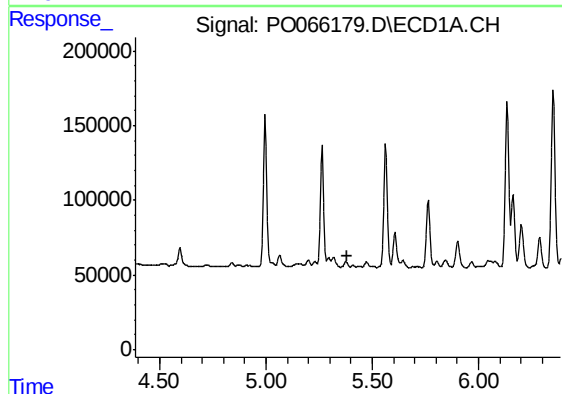
R.T.: 5.264 min  
Delta R.T.: -0.061 min  
Response: 781986  
Conc: 527.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



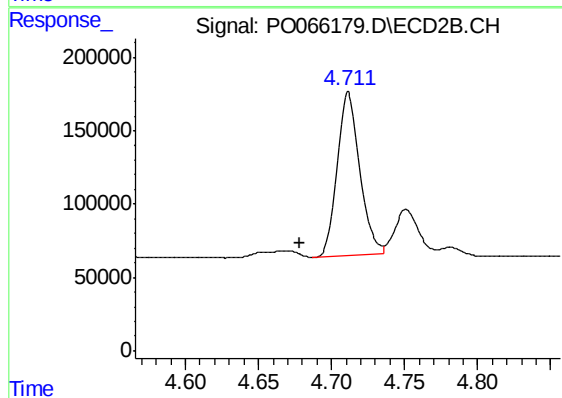
#17 AR-1242-2

R.T.: 4.497 min  
Delta R.T.: -0.009 min  
Response: 70914  
Conc: 33.44 ng/ml



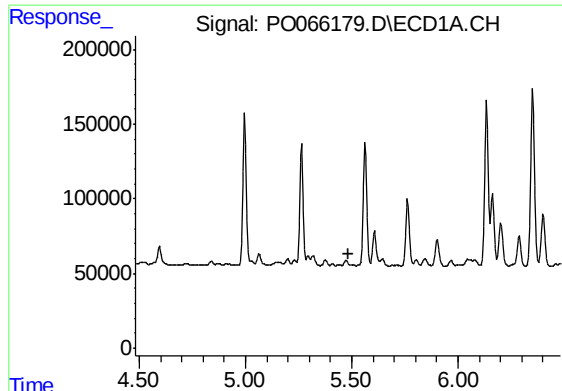
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.385 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

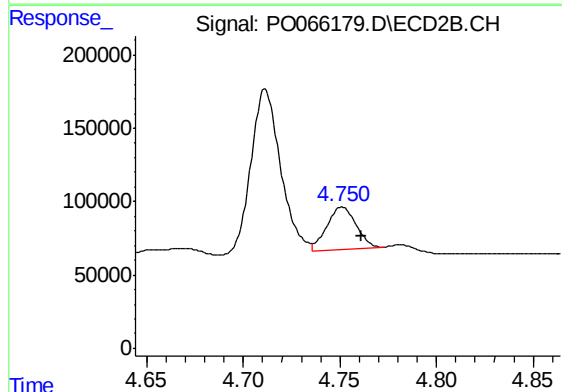
R.T.: 4.711 min  
Delta R.T.: 0.033 min  
Response: 1191039  
Conc: 1120.56 ng/ml



#19 AR-1242-4

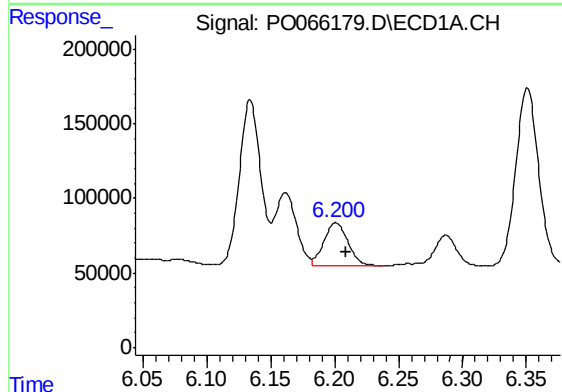
R.T.: 0.000 min  
Exp R.T.: 5.482 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



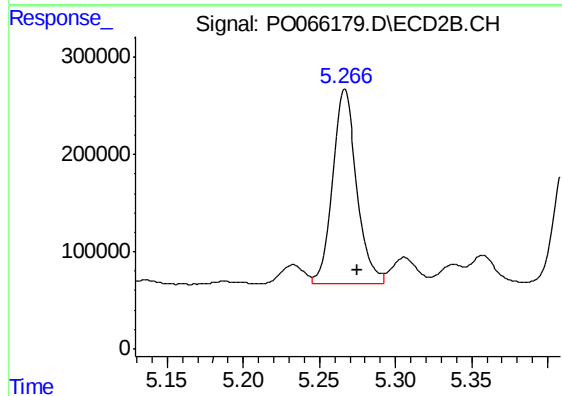
#19 AR-1242-4

R.T.: 4.751 min  
Delta R.T.: -0.010 min  
Response: 301901  
Conc: 293.70 ng/ml



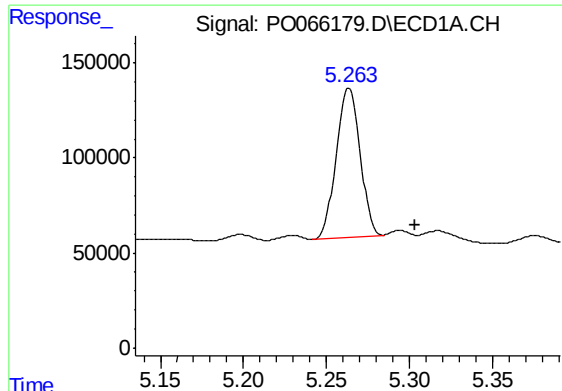
#20 AR-1242-5

R.T.: 6.201 min  
Delta R.T.: -0.008 min  
Response: 368896  
Conc: 397.75 ng/ml



#20 AR-1242-5

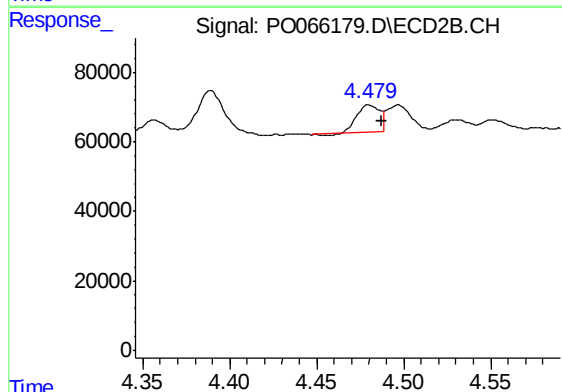
R.T.: 5.266 min  
Delta R.T.: -0.009 min  
Response: 2244912  
Conc: 1623.46 ng/ml



#21 AR-1248-1

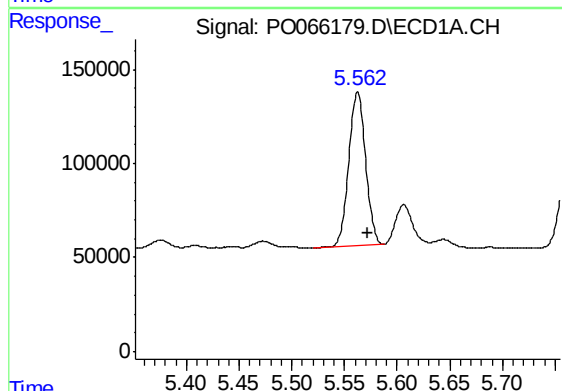
R.T.: 5.264 min  
Delta R.T.: -0.040 min  
Response: 781986  
Conc: 1025.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



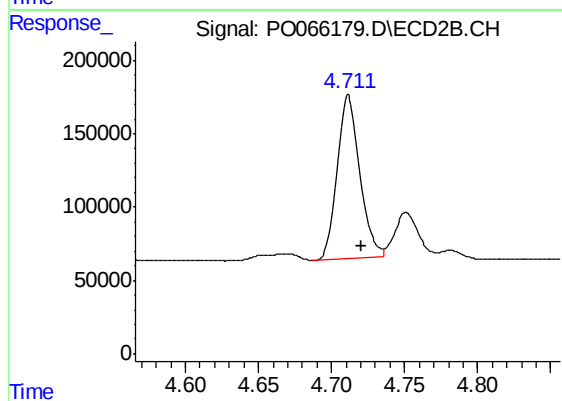
#21 AR-1248-1

R.T.: 4.480 min  
Delta R.T.: -0.008 min  
Response: 67720  
Conc: 65.19 ng/ml



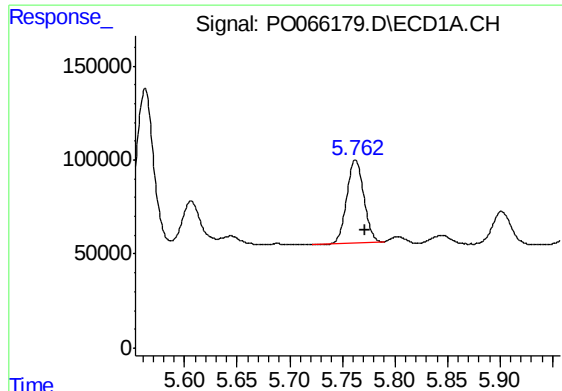
#22 AR-1248-2

R.T.: 5.563 min  
Delta R.T.: -0.010 min  
Response: 909357  
Conc: 838.68 ng/ml



#22 AR-1248-2

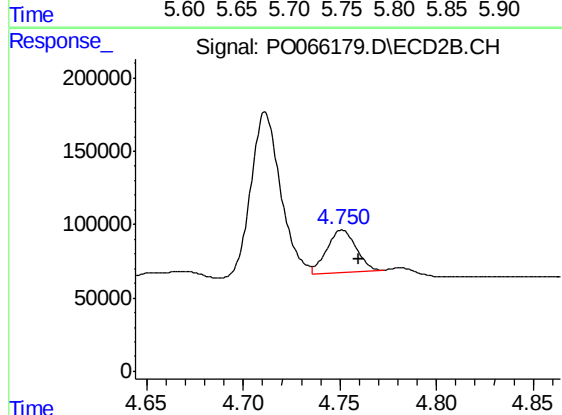
R.T.: 4.711 min  
Delta R.T.: -0.009 min  
Response: 1191039  
Conc: 801.69 ng/ml



#23 AR-1248-3

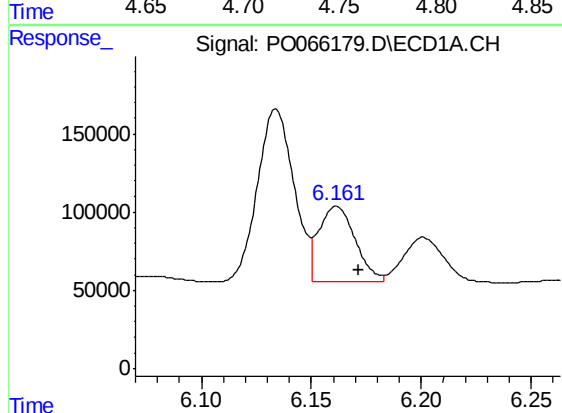
R.T.: 5.762 min  
Delta R.T.: -0.010 min  
Response: 492415  
Conc: 403.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



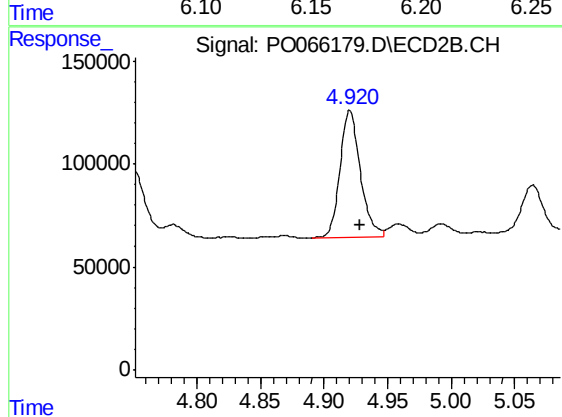
#23 AR-1248-3

R.T.: 4.751 min  
Delta R.T.: -0.009 min  
Response: 301901  
Conc: 201.91 ng/ml



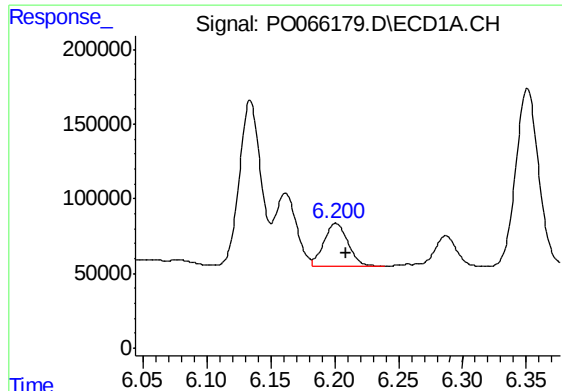
#24 AR-1248-4

R.T.: 6.162 min  
Delta R.T.: -0.010 min  
Response: 560624  
Conc: 355.19 ng/ml



#24 AR-1248-4

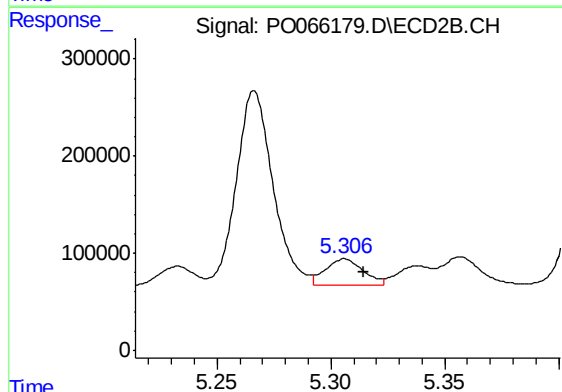
R.T.: 4.920 min  
Delta R.T.: -0.008 min  
Response: 679526  
Conc: 376.40 ng/ml



#25 AR-1248-5

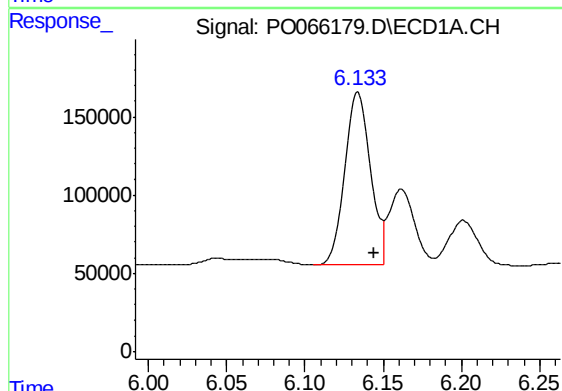
R.T.: 6.201 min  
Delta R.T.: -0.008 min  
Response: 368896  
Conc: 248.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



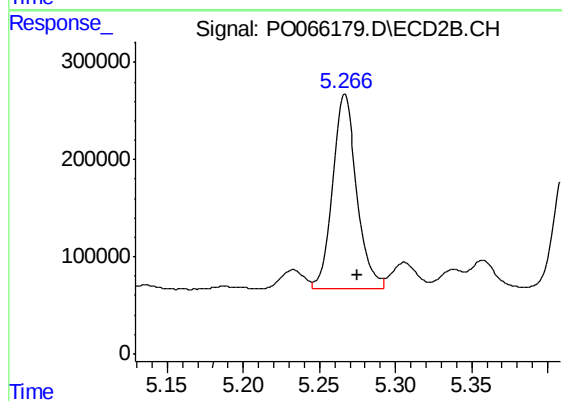
#25 AR-1248-5

R.T.: 5.306 min  
Delta R.T.: -0.008 min  
Response: 312651  
Conc: 159.87 ng/ml



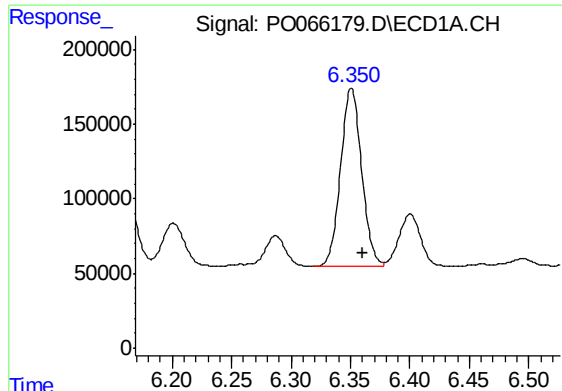
#26 AR-1254-1

R.T.: 6.134 min  
Delta R.T.: -0.010 min  
Response: 1275526  
Conc: 820.96 ng/ml



#26 AR-1254-1

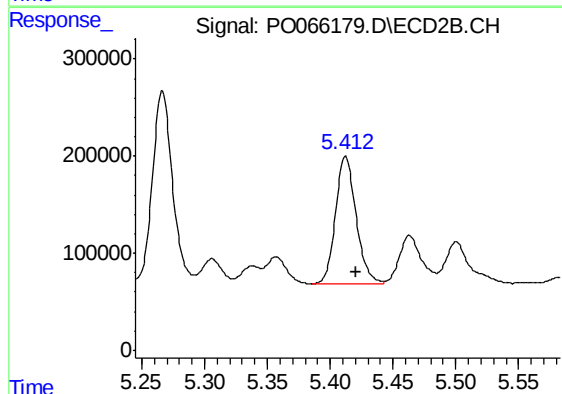
R.T.: 5.266 min  
Delta R.T.: -0.008 min  
Response: 2244912  
Conc: 705.26 ng/ml



#27 AR-1254-2

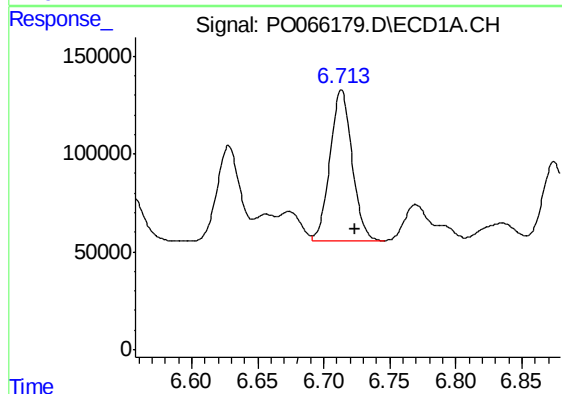
R.T.: 6.351 min  
Delta R.T.: -0.010 min  
Response: 1470687  
Conc: 591.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



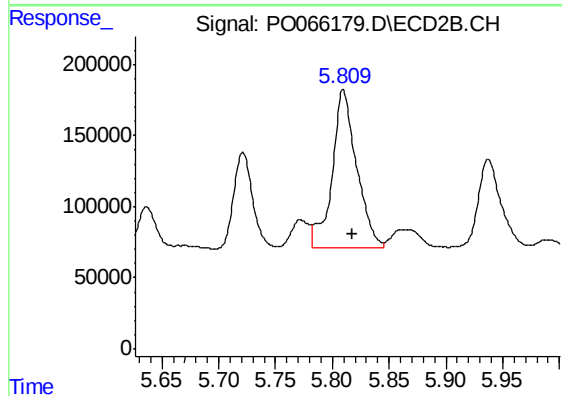
#27 AR-1254-2

R.T.: 5.412 min  
Delta R.T.: -0.008 min  
Response: 1513453  
Conc: 515.70 ng/ml



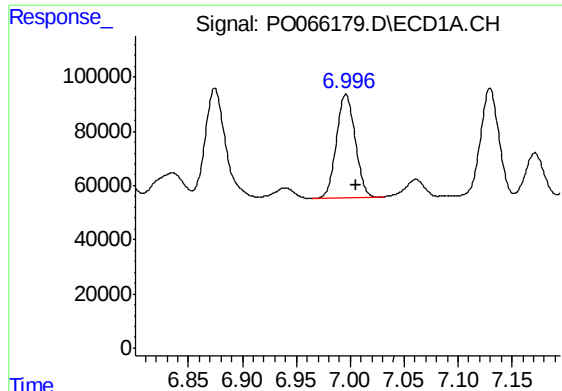
#28 AR-1254-3

R.T.: 6.713 min  
Delta R.T.: -0.010 min  
Response: 902450  
Conc: 337.73 ng/ml



#28 AR-1254-3

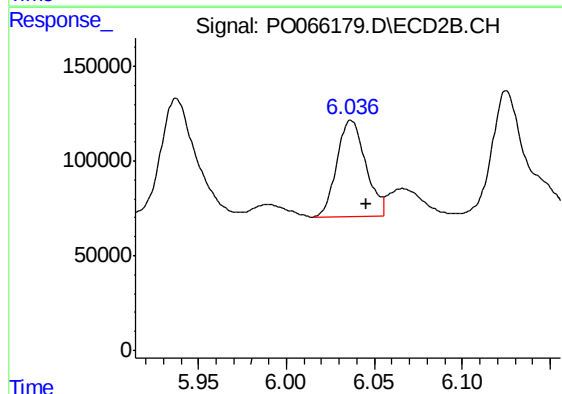
R.T.: 5.810 min  
Delta R.T.: -0.009 min  
Response: 1669534  
Conc: 363.55 ng/ml



#29 AR-1254-4

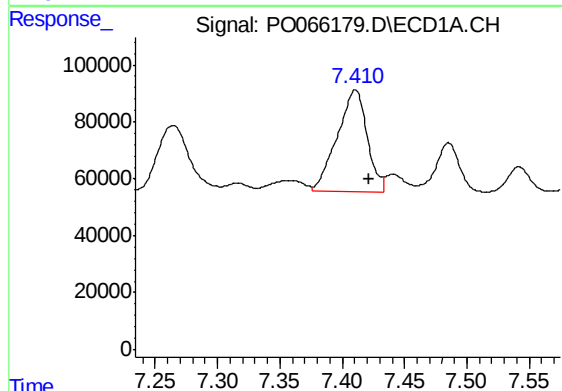
R.T.: 6.996 min  
Delta R.T.: -0.010 min  
Response: 464383  
Conc: 201.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



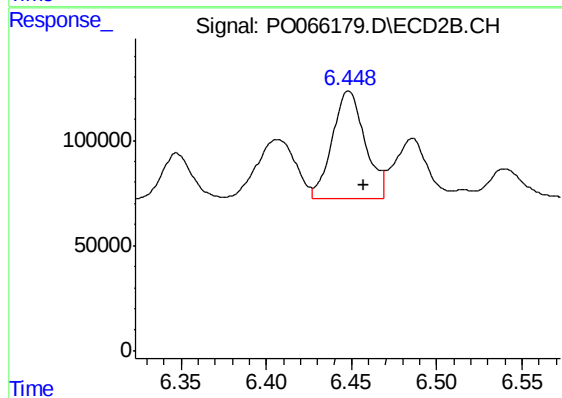
#29 AR-1254-4

R.T.: 6.037 min  
Delta R.T.: -0.009 min  
Response: 580669  
Conc: 184.29 ng/ml



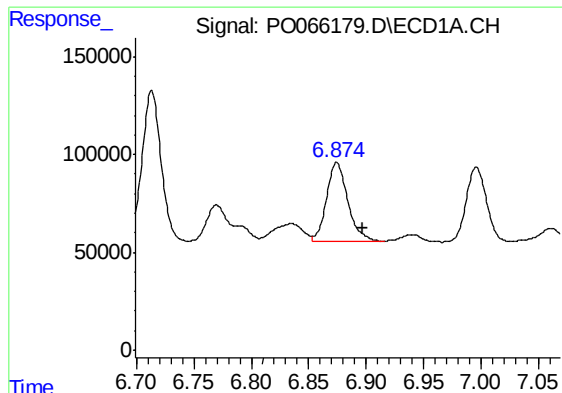
#30 AR-1254-5

R.T.: 7.411 min  
Delta R.T.: -0.011 min  
Response: 597879  
Conc: 262.03 ng/ml



#30 AR-1254-5

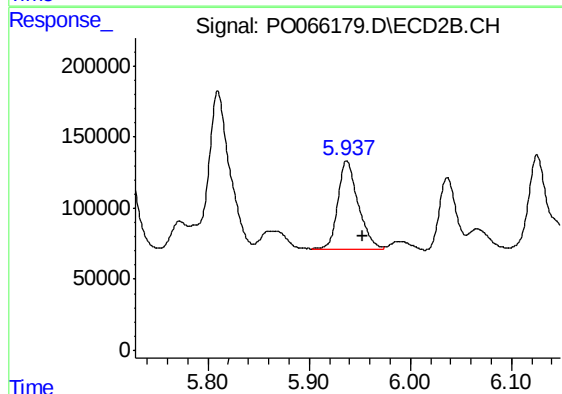
R.T.: 6.448 min  
Delta R.T.: -0.009 min  
Response: 682640  
Conc: 161.17 ng/ml



#31 AR-1260-1

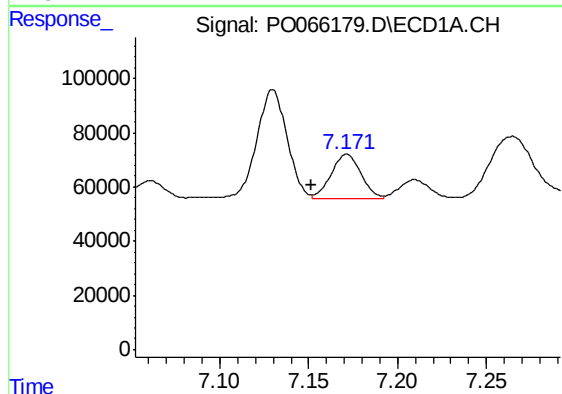
R.T.: 6.874 min  
Delta R.T.: -0.022 min  
Response: 514284  
Conc: 256.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



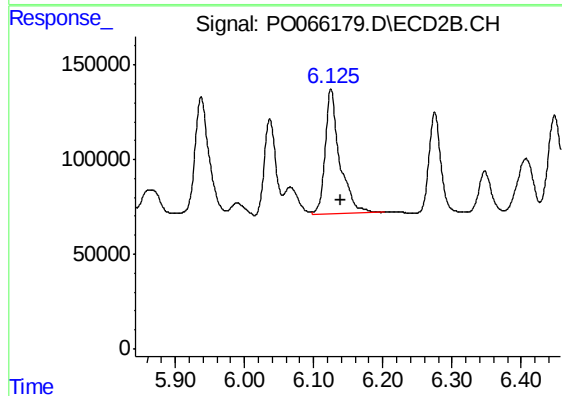
#31 AR-1260-1

R.T.: 5.937 min  
Delta R.T.: -0.015 min  
Response: 863950  
Conc: 268.57 ng/ml



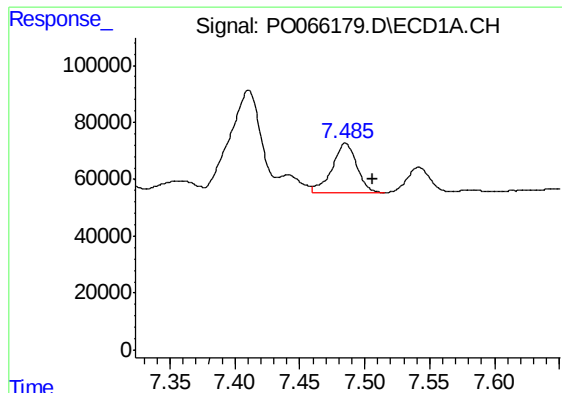
#32 AR-1260-2

R.T.: 7.171 min  
Delta R.T.: 0.020 min  
Response: 188779  
Conc: 68.52 ng/ml



#32 AR-1260-2

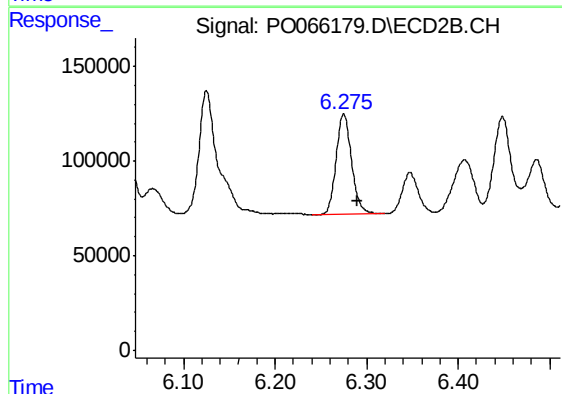
R.T.: 6.125 min  
Delta R.T.: -0.014 min  
Response: 952571  
Conc: 211.41 ng/ml



#33 AR-1260-3

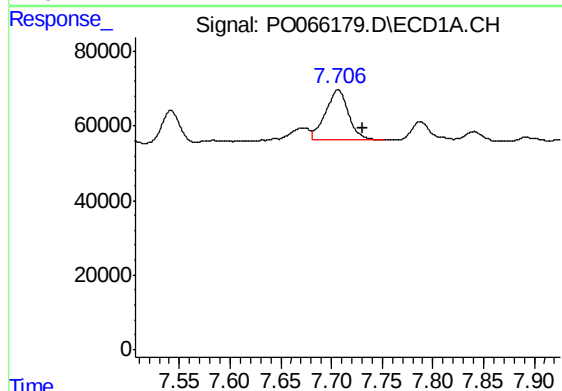
R.T.: 7.485 min  
Delta R.T.: -0.021 min  
Response: 226865  
Conc: 99.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



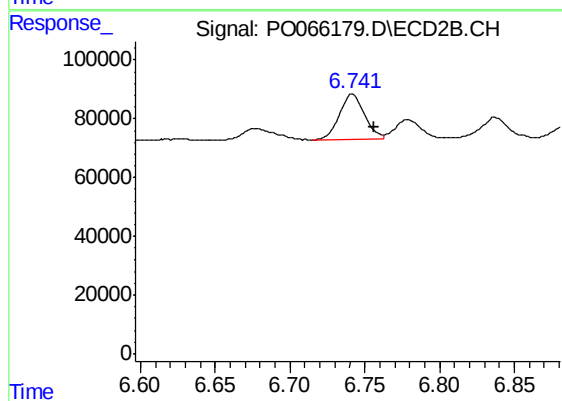
#33 AR-1260-3

R.T.: 6.275 min  
Delta R.T.: -0.015 min  
Response: 623443  
Conc: 165.39 ng/ml



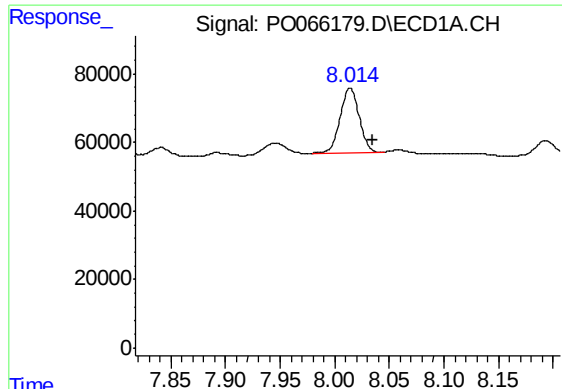
#34 AR-1260-4

R.T.: 7.707 min  
Delta R.T.: -0.024 min  
Response: 214566  
Conc: 94.13 ng/ml



#34 AR-1260-4

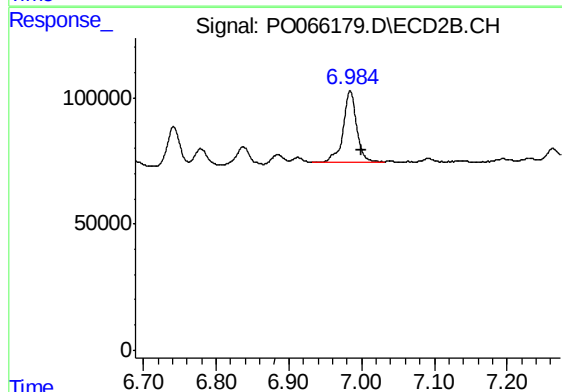
R.T.: 6.742 min  
Delta R.T.: -0.015 min  
Response: 182959  
Conc: 58.46 ng/ml



#35 AR-1260-5

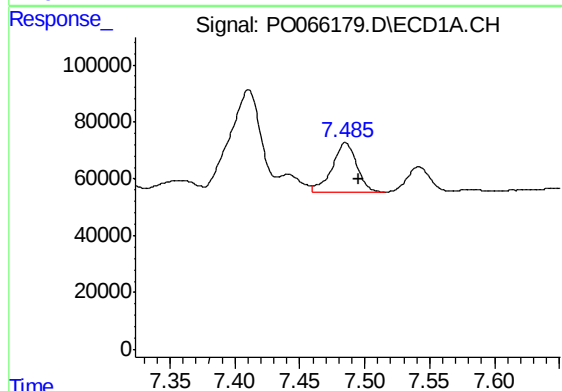
R.T.: 8.014 min  
Delta R.T.: -0.020 min  
Response: 229226  
Conc: 46.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



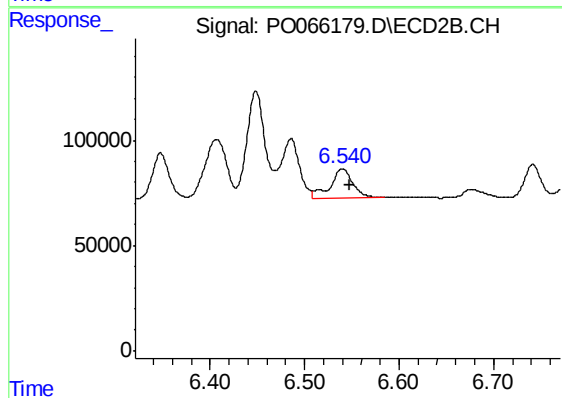
#35 AR-1260-5

R.T.: 6.984 min  
Delta R.T.: -0.015 min  
Response: 369398  
Conc: 44.61 ng/ml



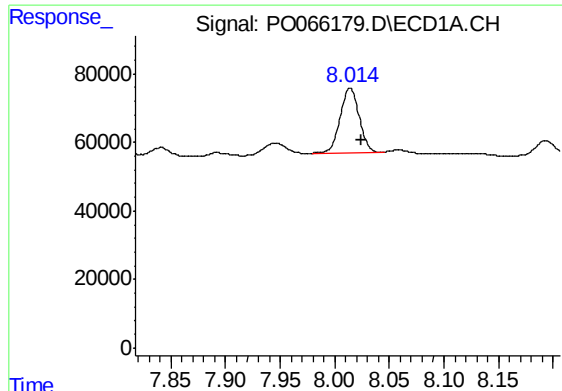
#36 AR-1262-1

R.T.: 7.485 min  
Delta R.T.: -0.010 min  
Response: 226865  
Conc: 68.80 ng/ml



#36 AR-1262-1

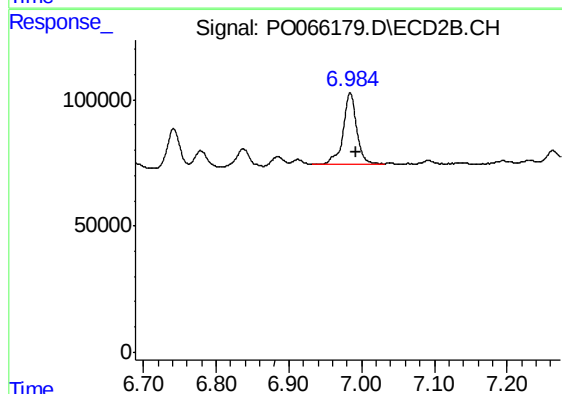
R.T.: 6.540 min  
Delta R.T.: -0.008 min  
Response: 229097  
Conc: 108.74 ng/ml



#37 AR-1262-2

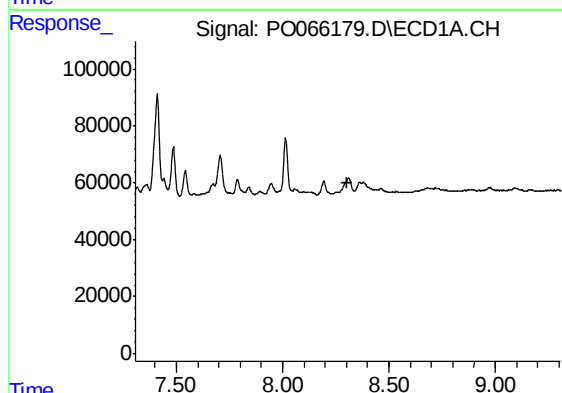
R.T.: 8.014 min  
Delta R.T.: -0.010 min  
Response: 229226  
Conc: 42.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



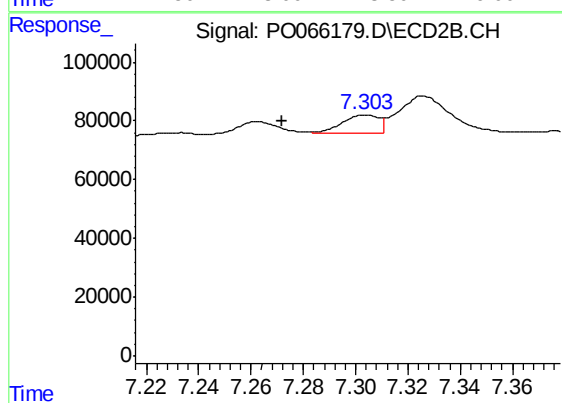
#37 AR-1262-2

R.T.: 6.984 min  
Delta R.T.: -0.009 min  
Response: 369398  
Conc: 39.03 ng/ml



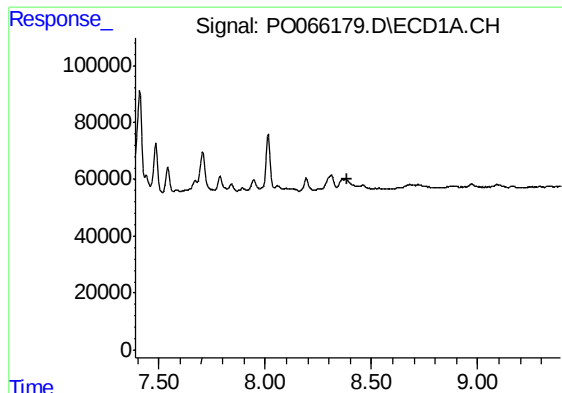
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.307 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

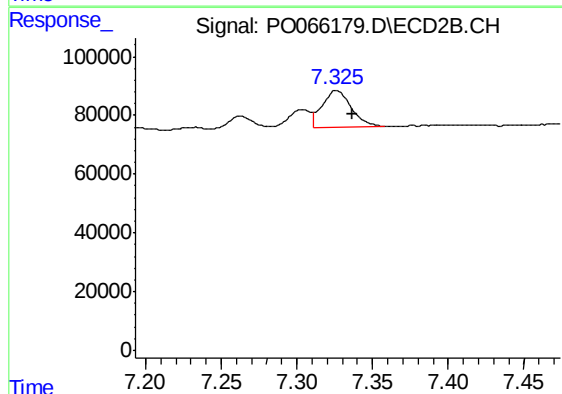
R.T.: 7.304 min  
Delta R.T.: 0.032 min  
Response: 60223  
Conc: 15.65 ng/ml



#39 AR-1262-4

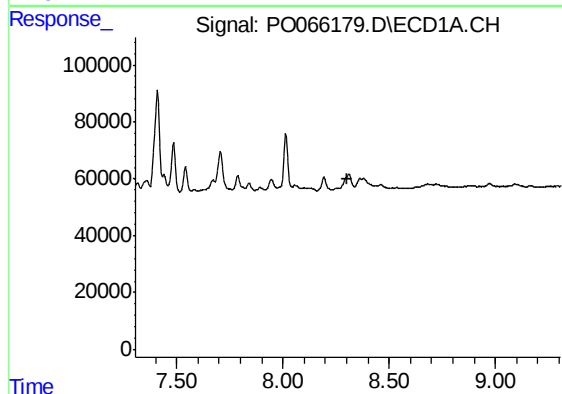
R.T.: 0.000 min  
Exp R.T. : 8.389 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



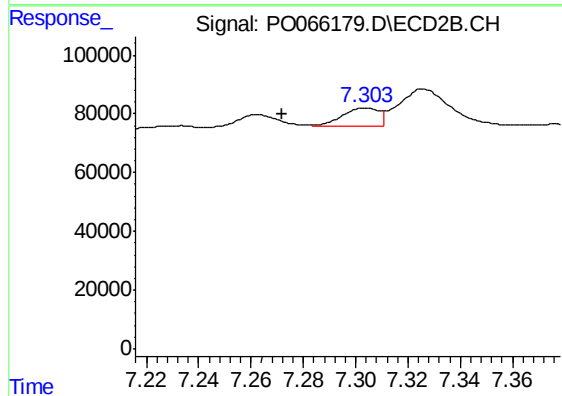
#39 AR-1262-4

R.T.: 7.326 min  
Delta R.T.: -0.011 min  
Response: 168687  
Conc: 25.67 ng/ml



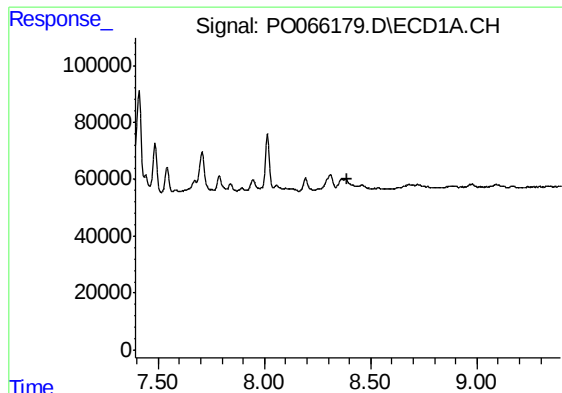
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.306 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

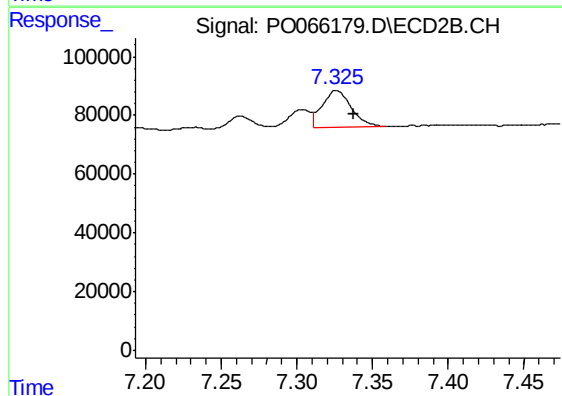
R.T.: 7.304 min  
Delta R.T.: 0.032 min  
Response: 60223  
Conc: 5.02 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.393 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-012320-01



#42 AR-1268-2

R.T.: 7.326 min  
Delta R.T.: -0.012 min  
Response: 168687  
Conc: 16.33 ng/ml