

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081321\  
 Data File : P0080417.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Aug 2021 10:33  
 Operator : DD\AJ  
 Sample : M3363-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PCB-080521-TB-03

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 01:56:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 11 05:48:32 2021  
 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... | 4.994  | 4.109  | 1080176 | 401894 | 15.599  | 16.125    |
| 2)                          | SA Decachlor... | 11.101 | 9.517  | 759940  | 311419 | 14.681  | 13.730    |
| Target Compounds            |                 |        |        |         |        |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.419f | 0       | 5321   | N.D.    | 5.172 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.419  | 0       | 5321   | N.D.    | 3.812 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.629f | 0       | 17455  | N.D.    | 23.452 #  |
| 6)                          | L1 AR-1016-4    | 6.521  | 5.651  | 113626  | 18489  | 64.097  | 29.984 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.889  | 0       | 28939  | N.D.    | 38.821 #  |
| 8)                          | L2 AR-1221-1    | 5.225f | 4.373  | 39123   | 14609  | 49.191  | 47.693    |
| 9)                          | L2 AR-1221-2    | 5.347  | 4.492f | 50563   | 17306  | 92.368  | 74.394    |
| 10)                         | L2 AR-1221-3    | 5.441  | 4.564  | 77186   | 3009   | 46.809  | 4.321 #   |
| 11)                         | L3 AR-1232-1    | 5.441  | 4.564  | 77186   | 3009   | 49.147  | 4.730 #   |
| 12)                         | L3 AR-1232-2    | 6.034  | 5.419  | 49649   | 5321   | 59.021  | 8.460 #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.629f | 0       | 17455  | N.D.    | 55.773 #  |
| 14)                         | L3 AR-1232-4    | 6.521  | 5.716f | 113626  | 128099 | 152.862 | 445.121 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.889  | 0       | 28939  | N.D.    | 95.309 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.419f | 0       | 5321   | N.D.    | 6.667 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.419  | 0       | 5321   | N.D.    | 4.898 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.629f | 0       | 17455  | N.D.    | 30.467 #  |
| 19)                         | L4 AR-1242-4    | 6.521  | 5.716f | 113626  | 128099 | 84.491  | 230.627 # |
| 20)                         | L4 AR-1242-5    | 7.323  | 0.000  | 139079  | 0      | 94.970  | N.D. #    |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.419f | 0       | 5321   | N.D.    | 8.462 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.651  | 0       | 18489  | N.D.    | 21.324 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.716  | 0       | 128099 | N.D.    | 143.412 # |
| 24)                         | L5 AR-1248-4    | 7.271  | 5.889  | 38493   | 28939  | 14.155  | 28.322 #  |
| 25)                         | L5 AR-1248-5    | 7.323  | 6.306  | 139079  | 8873   | 52.739  | 8.559 #   |
| 26)                         | L6 AR-1254-1    | 7.247  | 0.000  | 13828   | 0      | 5.334   | N.D. #    |
| 27)                         | L6 AR-1254-2    | 7.492f | 0.000  | 111724  | 0      | 28.471  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.870f | 6.878f | 291645  | 27978  | 71.456  | 13.876 #  |
| 29)                         | L6 AR-1254-4    | 8.152  | 0.000  | 47345   | 0      | 15.858  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.604f | 7.532  | 145878  | 59480  | 47.149  | 33.903 #  |
| 31)                         | L7 AR-1260-1    | 8.015  | 6.974f | 68953   | 18823  | 24.130  | 14.044 #  |
| 32)                         | L7 AR-1260-2    | 8.284  | 7.170f | 90340   | 22008  | 27.184  | 13.242 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.855  | 0       | 11785  | N.D.    | 9.410 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.532  | 0       | 59480  | N.D.    | 59.257 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.385  | 0       | 49138  | N.D.    | 37.351 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.385  | 0       | 49138  | N.D.    | 13.155 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.635f | 0       | 10557  | N.D.    | 3.708 #   |
| 45)                         | L9 AR-1268-5    | 10.761 | 0.000  | 28890   | 0      | 1.438   | N.D. #    |
| -----                       |                 |        |        |         |        |         |           |

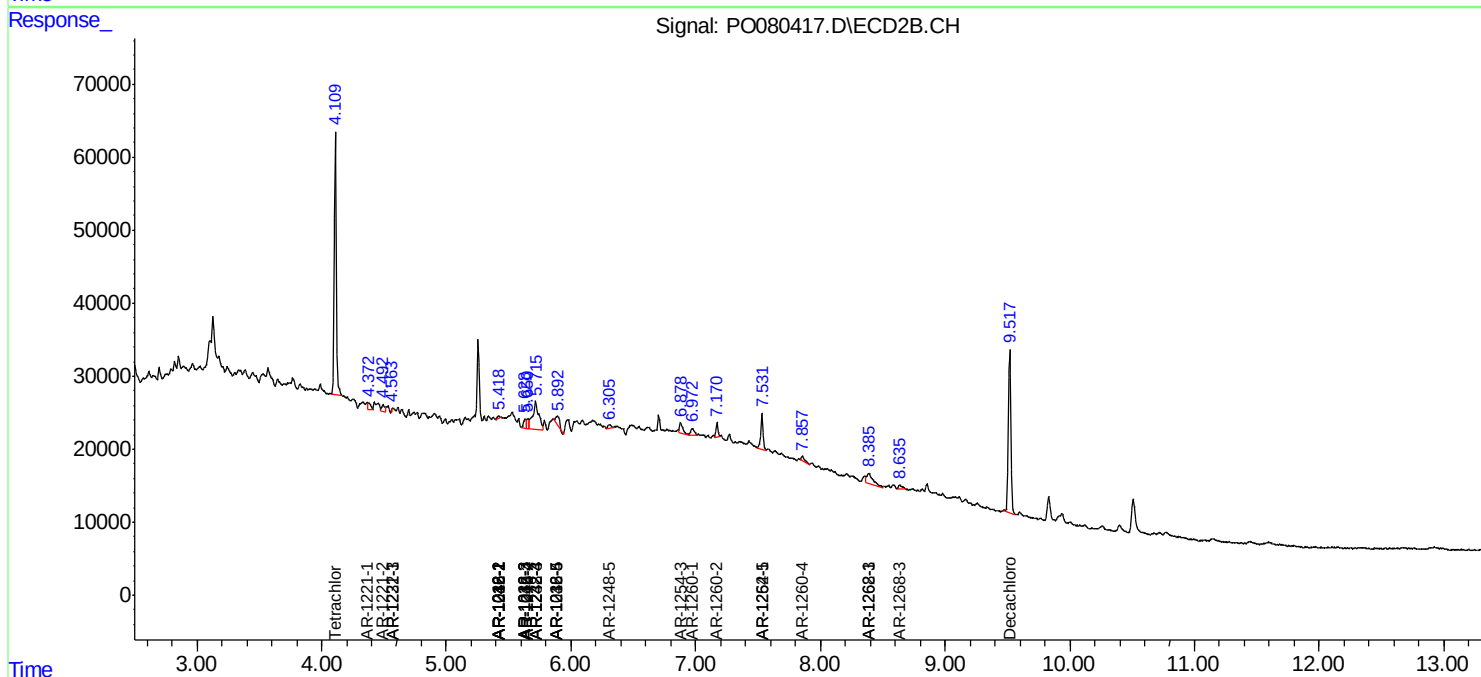
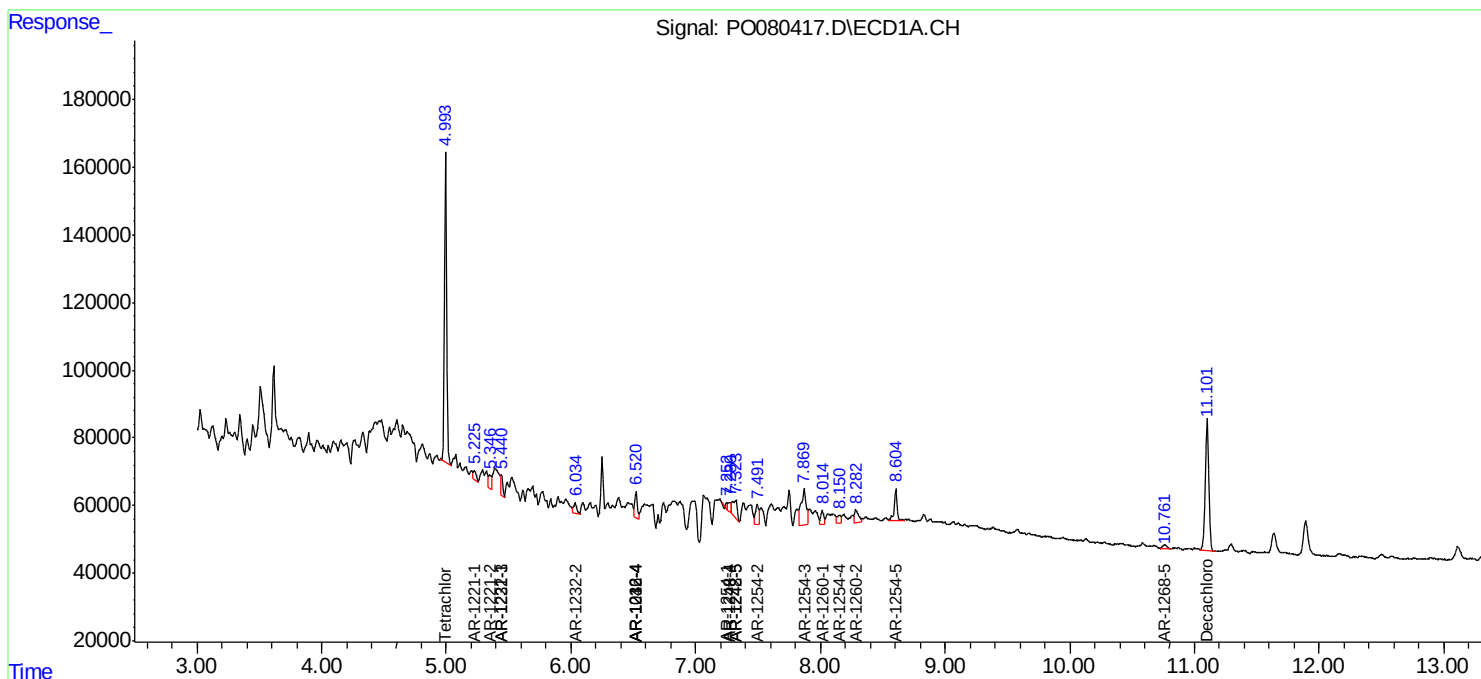
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

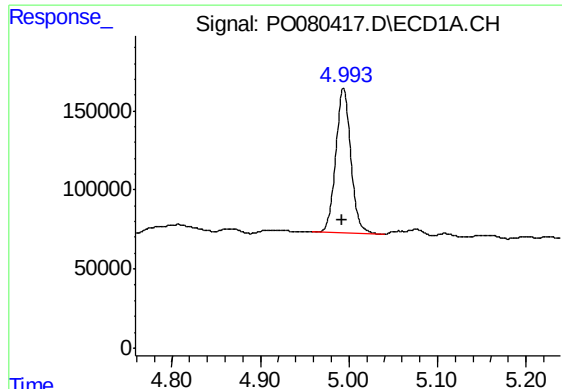
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081321\  
Data File : PO080417.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Aug 2021 10:33  
Operator : DD\AJ  
Sample : M3363-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 01:56:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 11 05:48:32 2021  
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

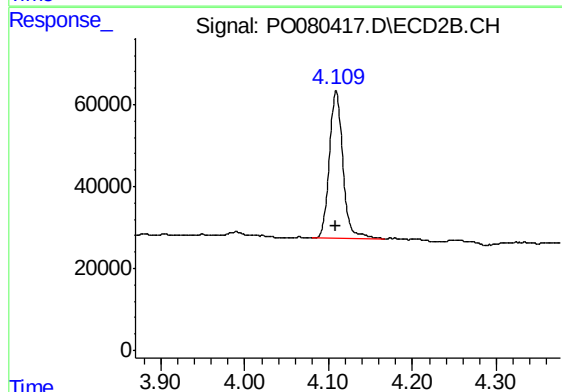




#1 Tetrachloro-m-xylene

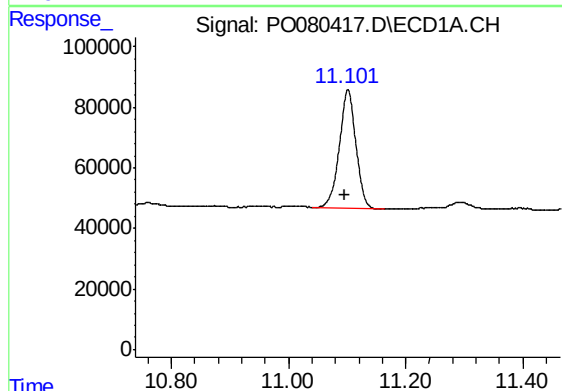
R.T.: 4.994 min  
Delta R.T.: 0.000 min  
Response: 1080176  
Conc: 15.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



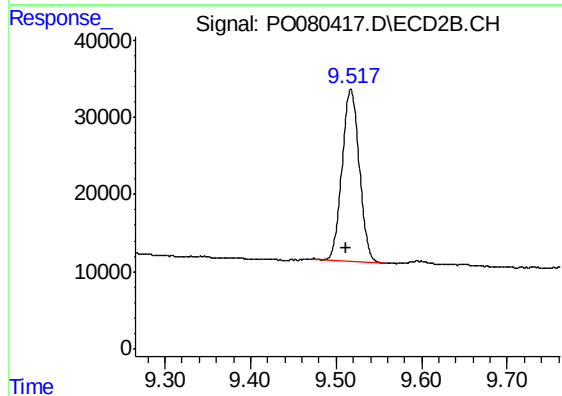
#1 Tetrachloro-m-xylene

R.T.: 4.109 min  
Delta R.T.: 0.000 min  
Response: 401894  
Conc: 16.12 ng/ml



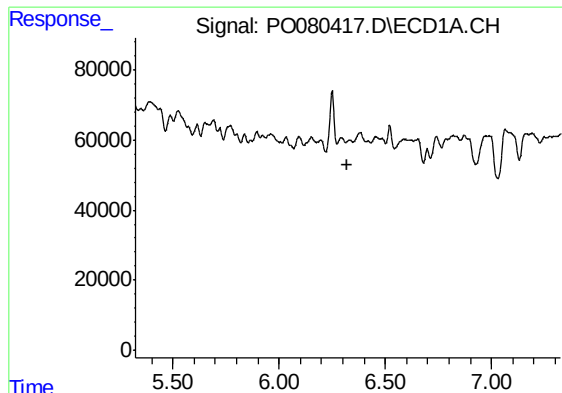
#2 Decachlorobiphenyl

R.T.: 11.101 min  
Delta R.T.: 0.005 min  
Response: 759940  
Conc: 14.68 ng/ml



#2 Decachlorobiphenyl

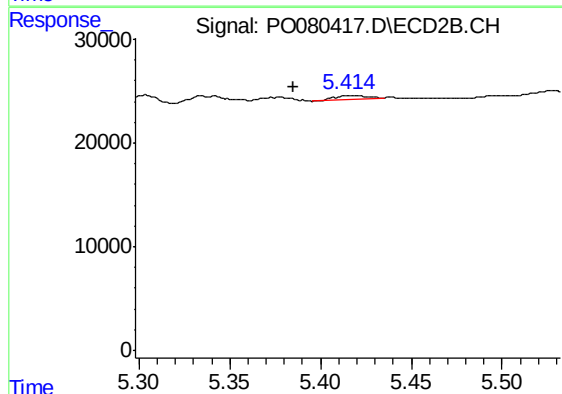
R.T.: 9.517 min  
Delta R.T.: 0.006 min  
Response: 311419  
Conc: 13.73 ng/ml



#3 AR-1016-1

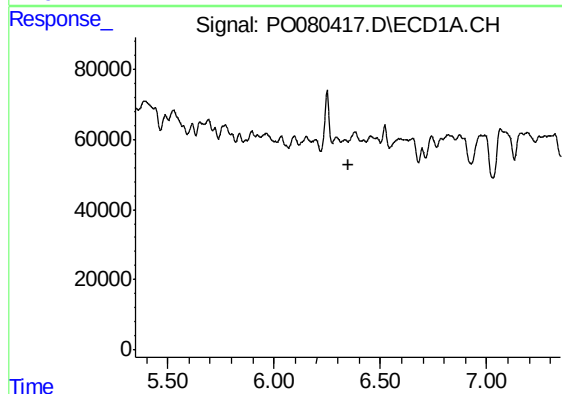
R.T.: 0.000 min  
Exp R.T. : 6.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



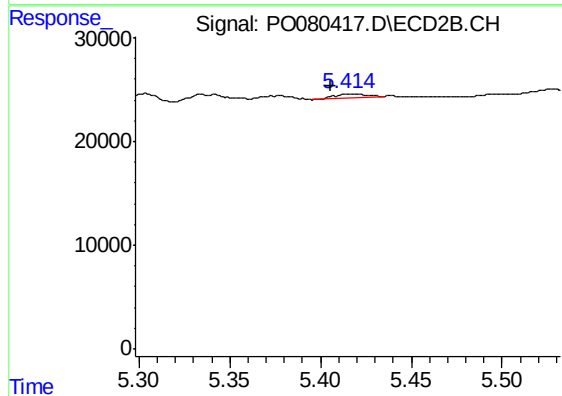
#3 AR-1016-1

R.T.: 5.419 min  
Delta R.T.: 0.034 min  
Response: 5321  
Conc: 5.17 ng/ml



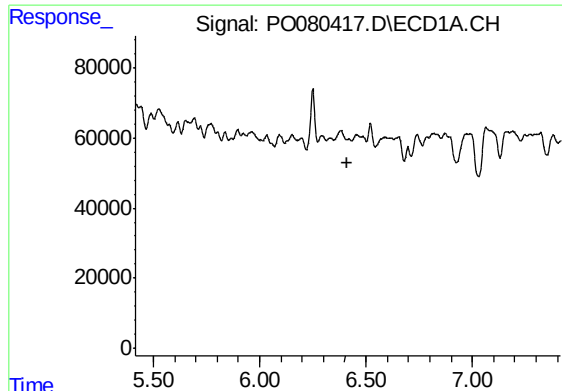
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.348 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

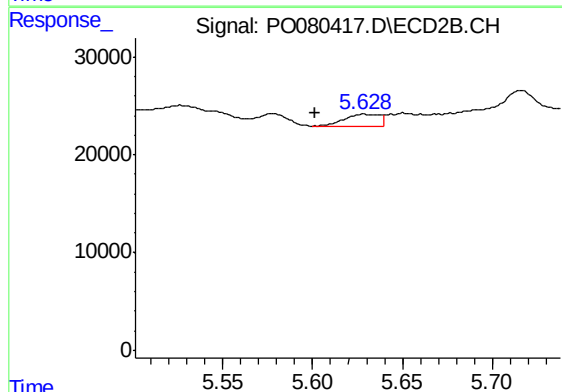
R.T.: 5.419 min  
Delta R.T.: 0.014 min  
Response: 5321  
Conc: 3.81 ng/ml



#5 AR-1016-3

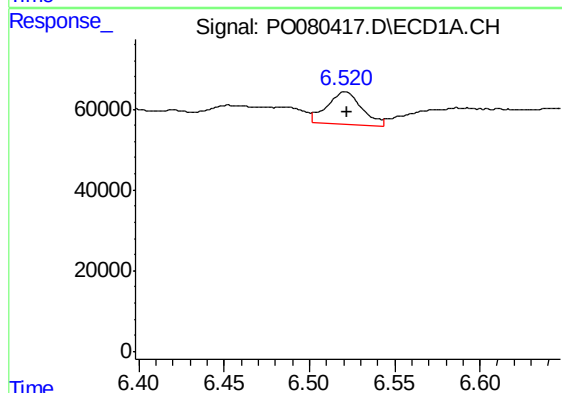
R.T.: 0.000 min  
Exp R.T.: 6.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



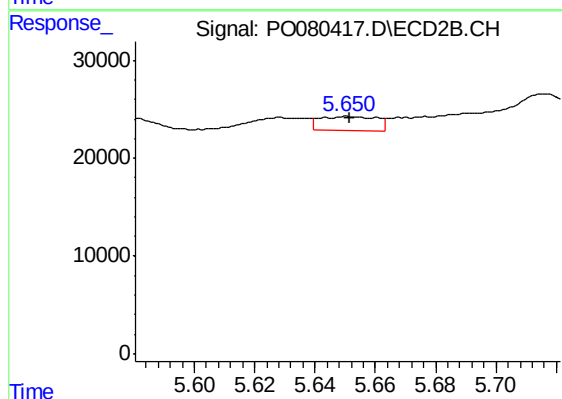
#5 AR-1016-3

R.T.: 5.629 min  
Delta R.T.: 0.027 min  
Response: 17455  
Conc: 23.45 ng/ml



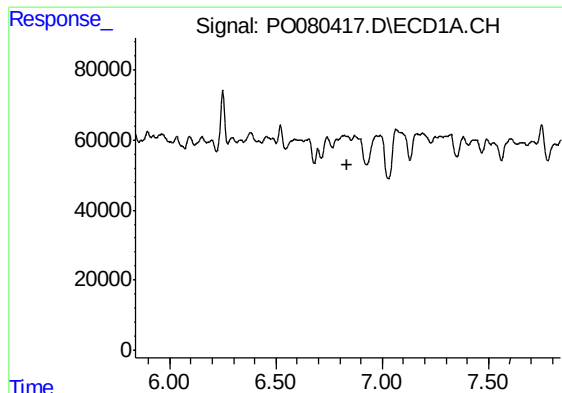
#6 AR-1016-4

R.T.: 6.521 min  
Delta R.T.: -0.001 min  
Response: 113626  
Conc: 64.10 ng/ml



#6 AR-1016-4

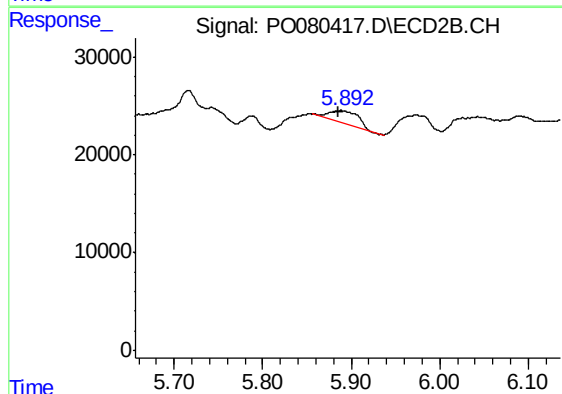
R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 18489  
Conc: 29.98 ng/ml



#7 AR-1016-5

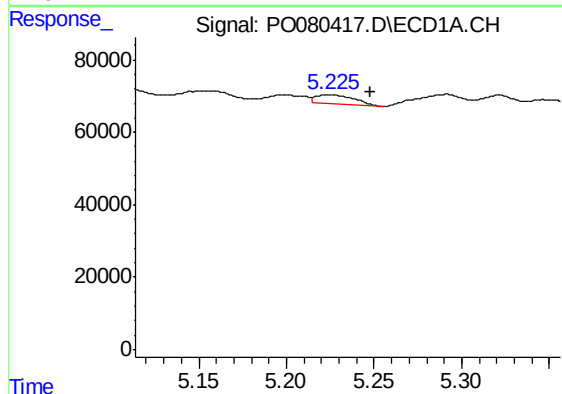
R.T.: 0.000 min  
Exp R.T.: 6.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



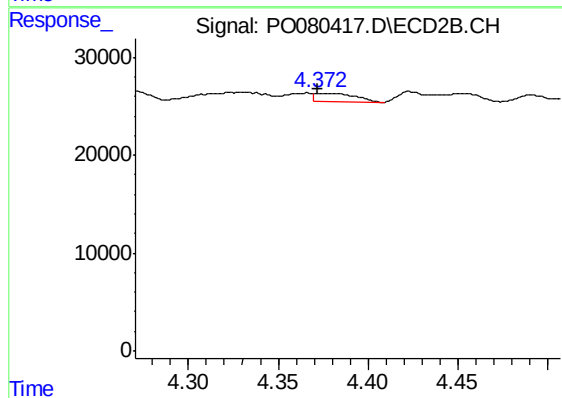
#7 AR-1016-5

R.T.: 5.889 min  
Delta R.T.: 0.004 min  
Response: 28939  
Conc: 38.82 ng/ml



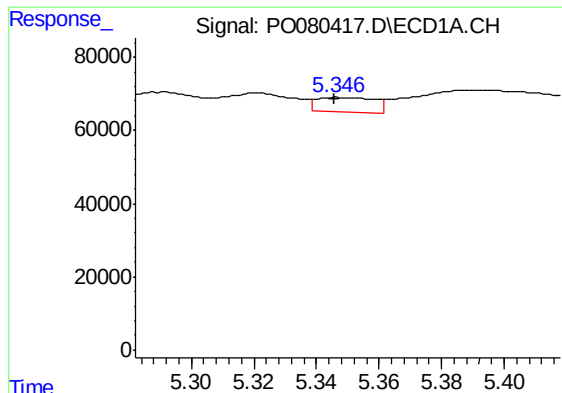
#8 AR-1221-1

R.T.: 5.225 min  
Delta R.T.: -0.022 min  
Response: 39123  
Conc: 49.19 ng/ml



#8 AR-1221-1

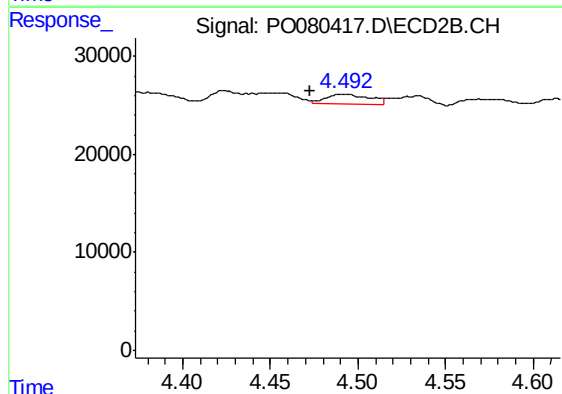
R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 14609  
Conc: 47.69 ng/ml



#9 AR-1221-2

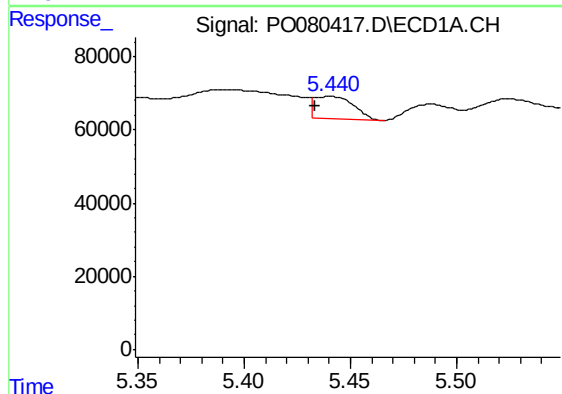
R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 50563  
Conc: 92.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



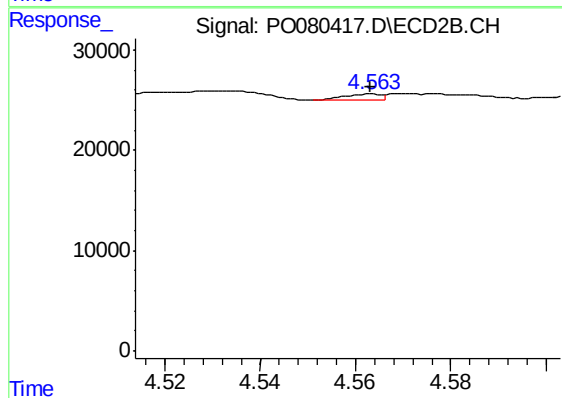
#9 AR-1221-2

R.T.: 4.492 min  
Delta R.T.: 0.019 min  
Response: 17306  
Conc: 74.39 ng/ml



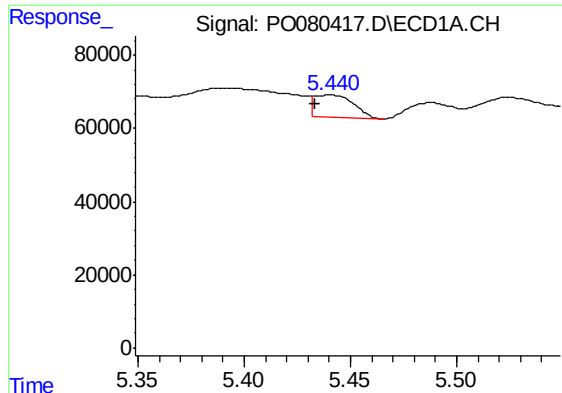
#10 AR-1221-3

R.T.: 5.441 min  
Delta R.T.: 0.007 min  
Response: 77186  
Conc: 46.81 ng/ml



#10 AR-1221-3

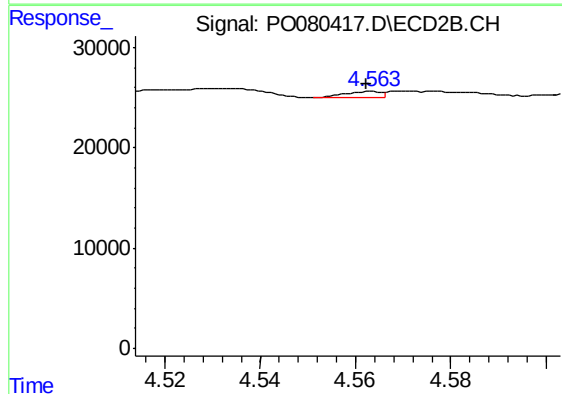
R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 3009  
Conc: 4.32 ng/ml



#11 AR-1232-1

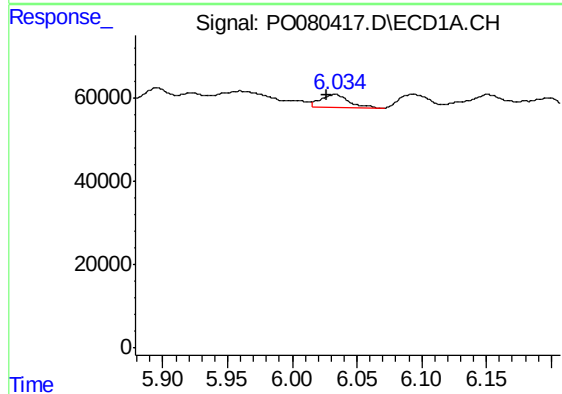
R.T.: 5.441 min  
Delta R.T.: 0.007 min  
Response: 77186  
Conc: 49.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



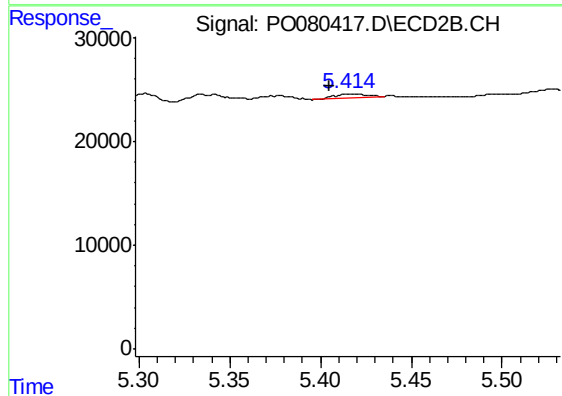
#11 AR-1232-1

R.T.: 4.564 min  
Delta R.T.: 0.002 min  
Response: 3009  
Conc: 4.73 ng/ml



#12 AR-1232-2

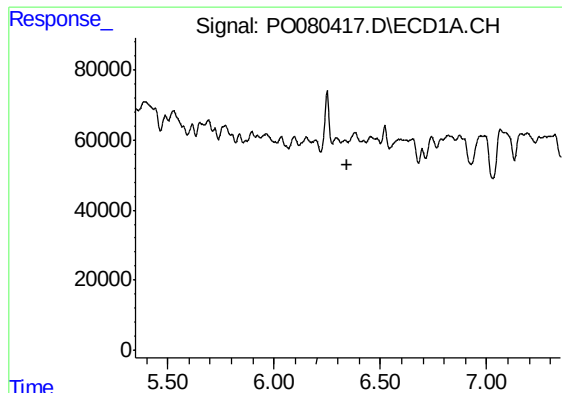
R.T.: 6.034 min  
Delta R.T.: 0.007 min  
Response: 49649  
Conc: 59.02 ng/ml



#12 AR-1232-2

R.T.: 5.419 min  
Delta R.T.: 0.015 min  
Response: 5321  
Conc: 8.46 ng/ml

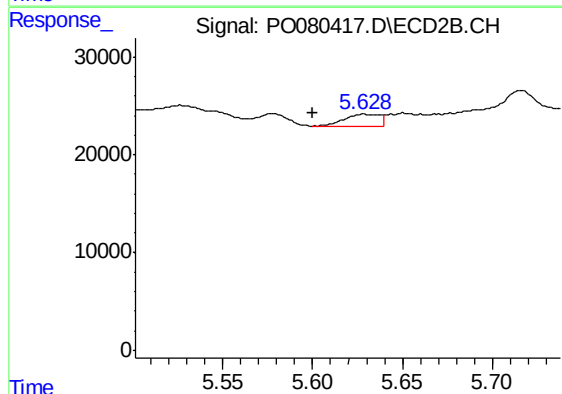




#13 AR-1232-3

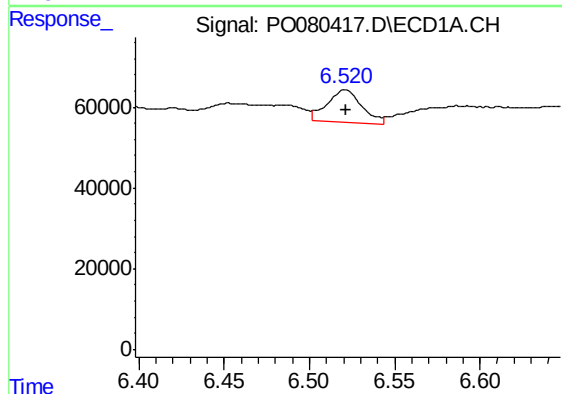
R.T.: 0.000 min  
Exp R.T.: 6.347 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



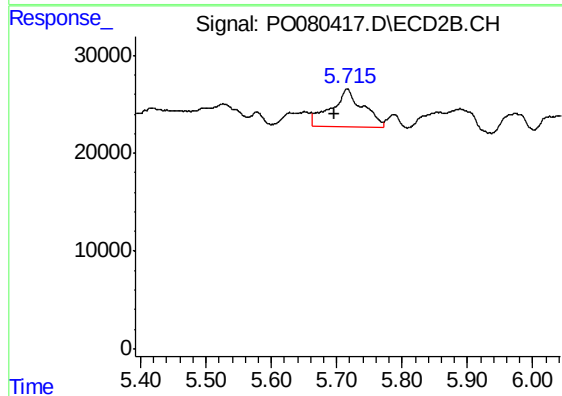
#13 AR-1232-3

R.T.: 5.629 min  
Delta R.T.: 0.029 min  
Response: 17455  
Conc: 55.77 ng/ml



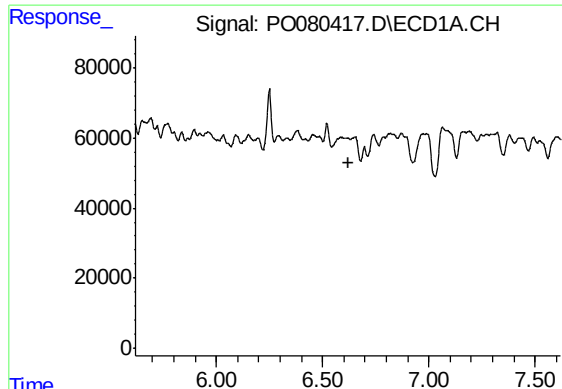
#14 AR-1232-4

R.T.: 6.521 min  
Delta R.T.: -0.001 min  
Response: 113626  
Conc: 152.86 ng/ml



#14 AR-1232-4

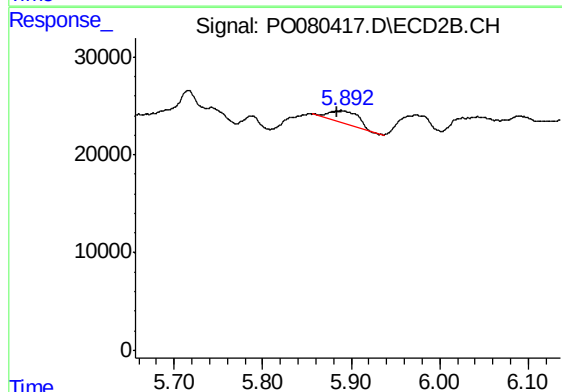
R.T.: 5.716 min  
Delta R.T.: 0.020 min  
Response: 128099  
Conc: 445.12 ng/ml



#15 AR-1232-5

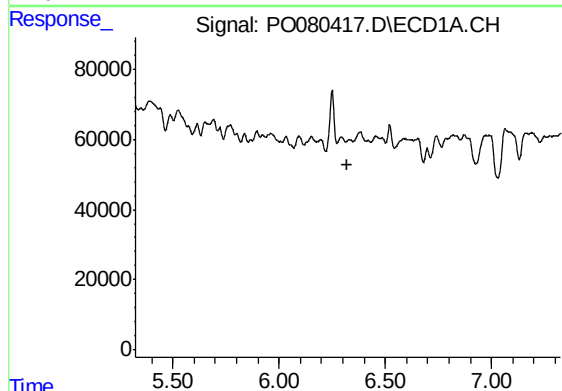
R.T.: 0.000 min  
Exp R.T. : 6.620 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



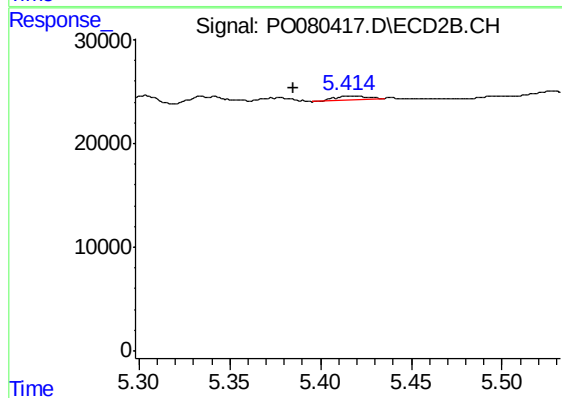
#15 AR-1232-5

R.T.: 5.889 min  
Delta R.T.: 0.005 min  
Response: 28939  
Conc: 95.31 ng/ml



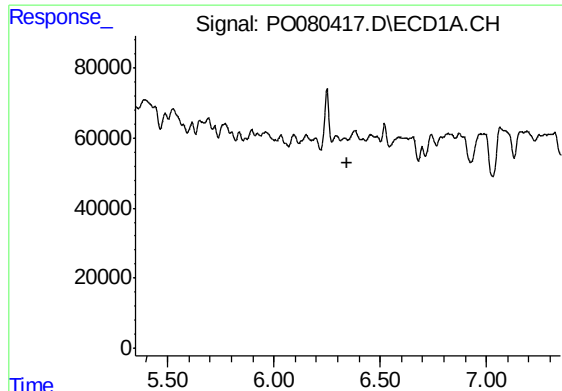
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 6.324 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

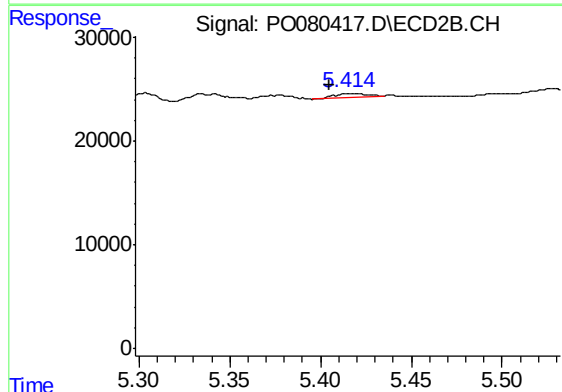
R.T.: 5.419 min  
Delta R.T.: 0.035 min  
Response: 5321  
Conc: 6.67 ng/ml



#17 AR-1242-2

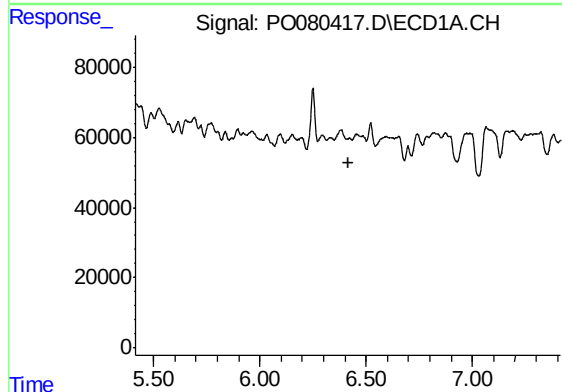
R.T.: 0.000 min  
Exp R.T. : 6.348 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



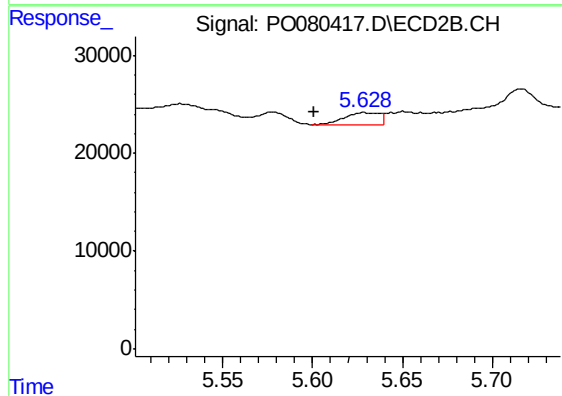
#17 AR-1242-2

R.T.: 5.419 min  
Delta R.T.: 0.014 min  
Response: 5321  
Conc: 4.90 ng/ml



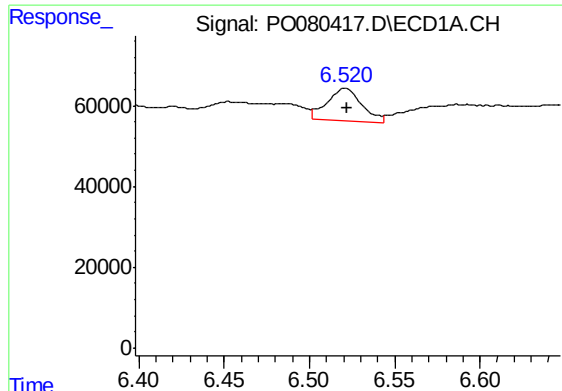
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.414 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

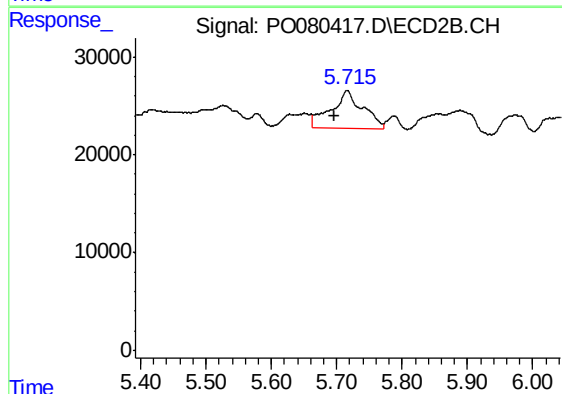
R.T.: 5.629 min  
Delta R.T.: 0.028 min  
Response: 17455  
Conc: 30.47 ng/ml



#19 AR-1242-4

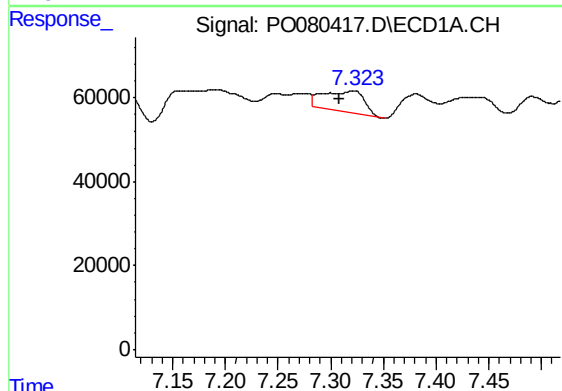
R.T.: 6.521 min  
Delta R.T.: -0.001 min  
Response: 113626  
Conc: 84.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



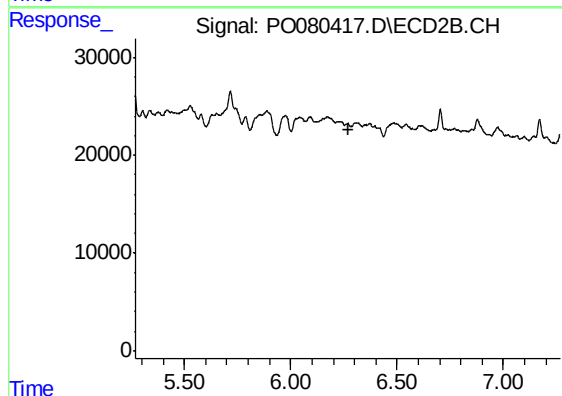
#19 AR-1242-4

R.T.: 5.716 min  
Delta R.T.: 0.020 min  
Response: 128099  
Conc: 230.63 ng/ml



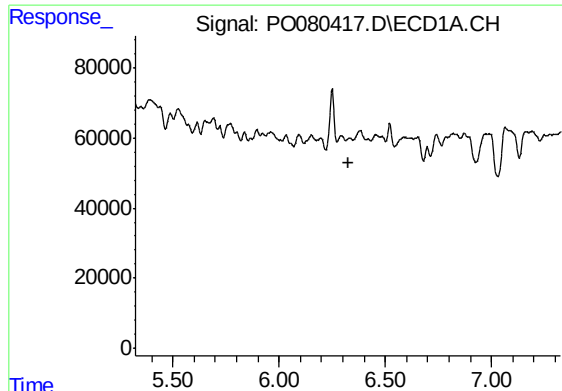
#20 AR-1242-5

R.T.: 7.323 min  
Delta R.T.: 0.014 min  
Response: 139079  
Conc: 94.97 ng/ml



#20 AR-1242-5

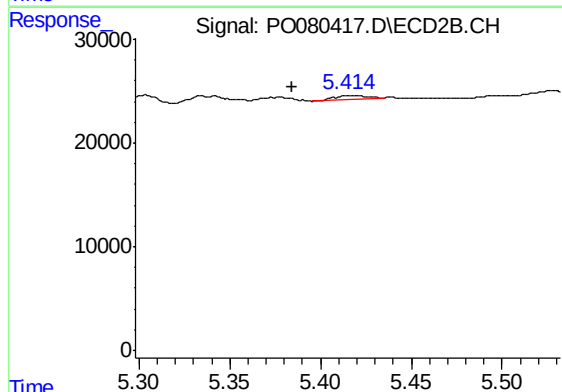
R.T.: 0.000 min  
Exp R.T. : 6.269 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

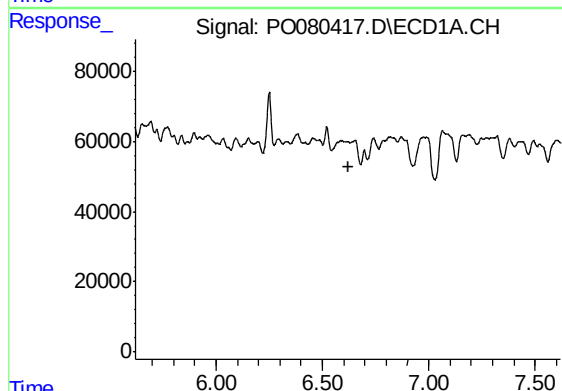
R.T.: 0.000 min  
Exp R.T. : 6.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



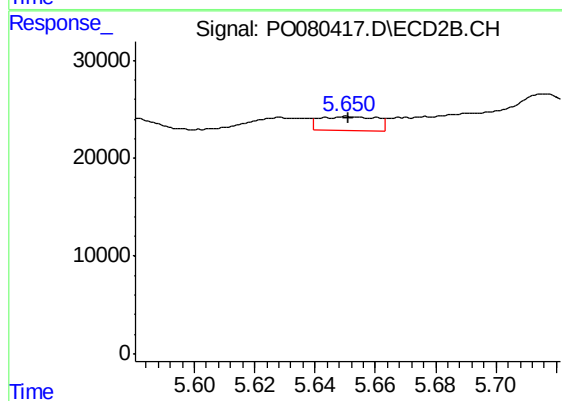
#21 AR-1248-1

R.T.: 5.419 min  
Delta R.T.: 0.035 min  
Response: 5321  
Conc: 8.46 ng/ml



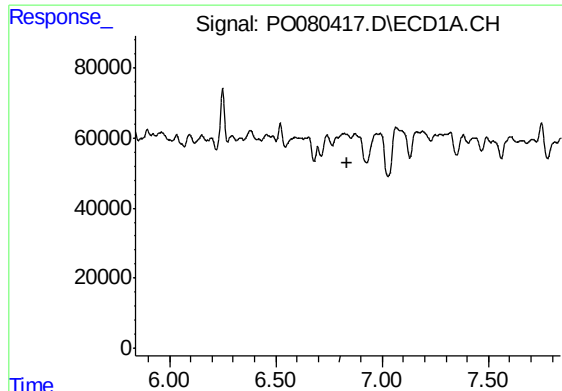
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.620 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

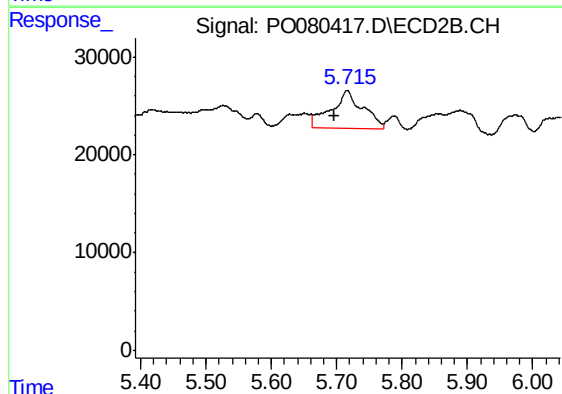
R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 18489  
Conc: 21.32 ng/ml



#23 AR-1248-3

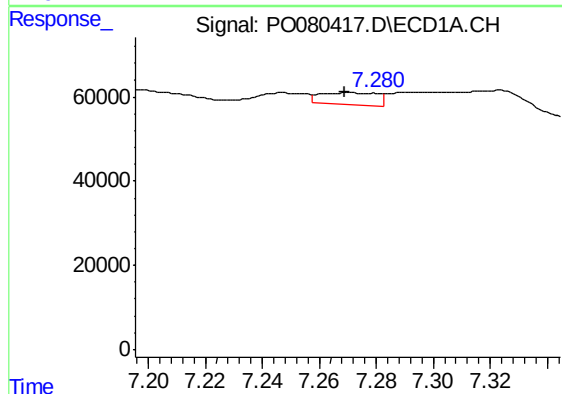
R.T.: 0.000 min  
Exp R.T.: 6.839 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



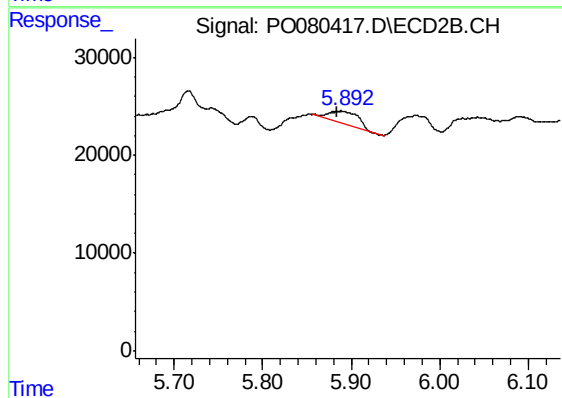
#23 AR-1248-3

R.T.: 5.716 min  
Delta R.T.: 0.020 min  
Response: 128099  
Conc: 143.41 ng/ml



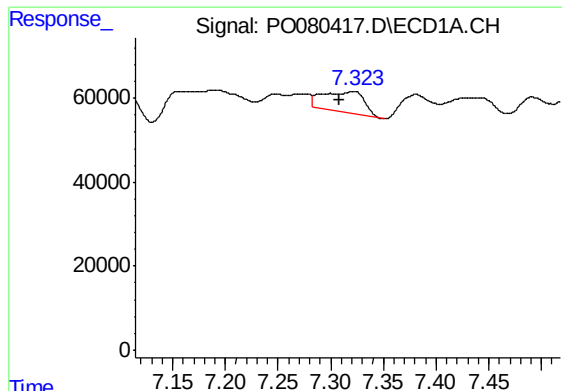
#24 AR-1248-4

R.T.: 7.271 min  
Delta R.T.: 0.002 min  
Response: 38493  
Conc: 14.15 ng/ml



#24 AR-1248-4

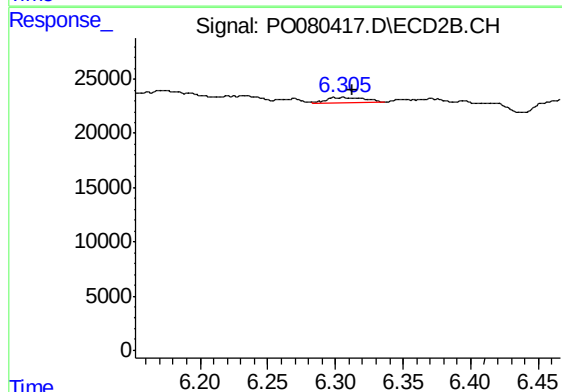
R.T.: 5.889 min  
Delta R.T.: 0.004 min  
Response: 28939  
Conc: 28.32 ng/ml



#25 AR-1248-5

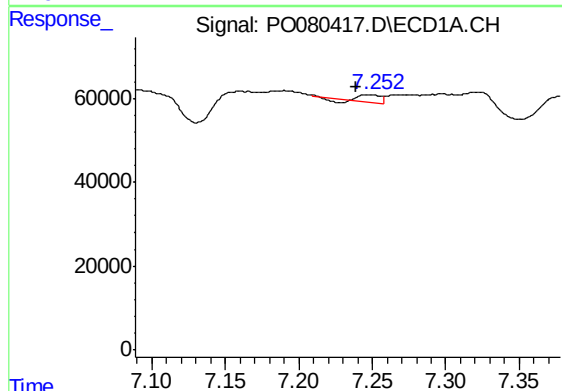
R.T.: 7.323 min  
Delta R.T.: 0.014 min  
Response: 139079  
Conc: 52.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



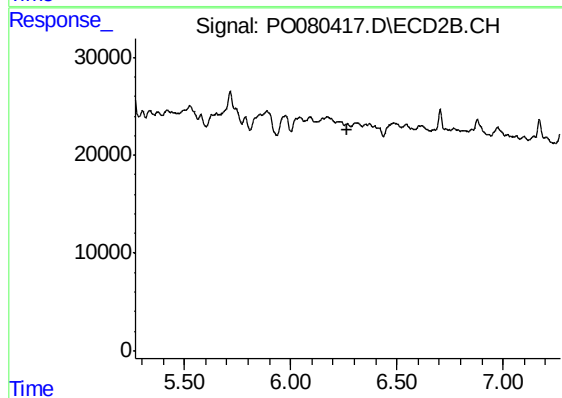
#25 AR-1248-5

R.T.: 6.306 min  
Delta R.T.: -0.007 min  
Response: 8873  
Conc: 8.56 ng/ml



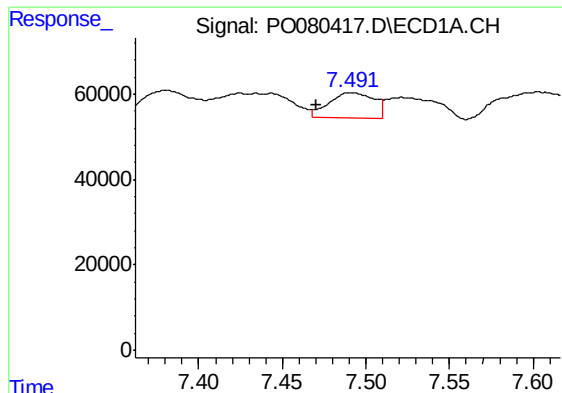
#26 AR-1254-1

R.T.: 7.247 min  
Delta R.T.: 0.008 min  
Response: 13828  
Conc: 5.33 ng/ml



#26 AR-1254-1

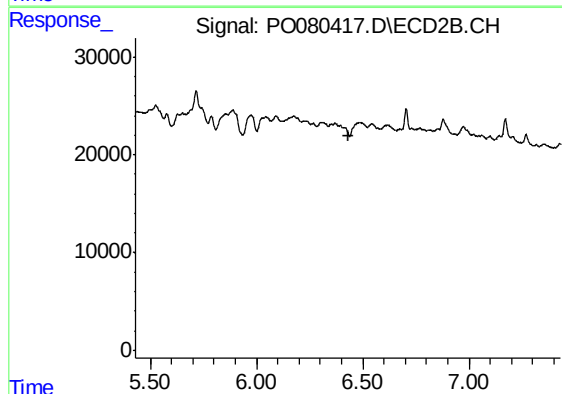
R.T.: 0.000 min  
Exp R.T. : 6.270 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

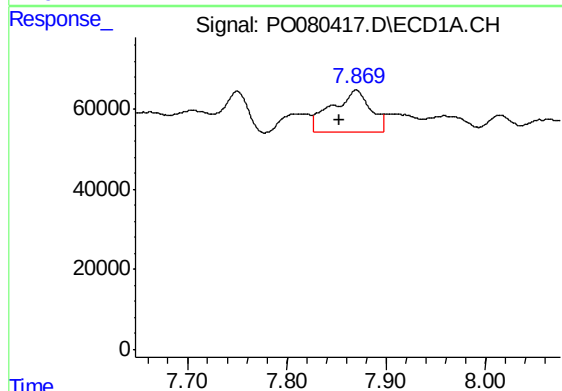
R.T.: 7.492 min  
Delta R.T.: 0.021 min  
Response: 111724  
Conc: 28.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



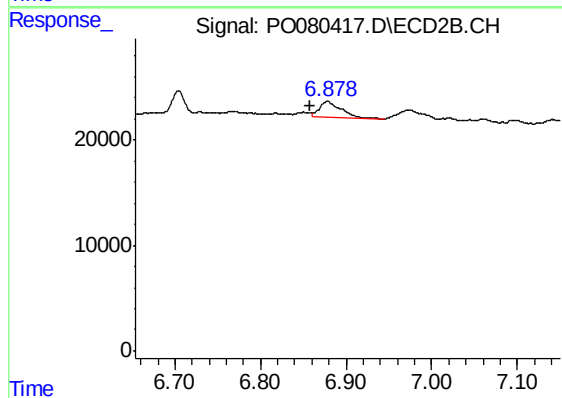
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.430 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

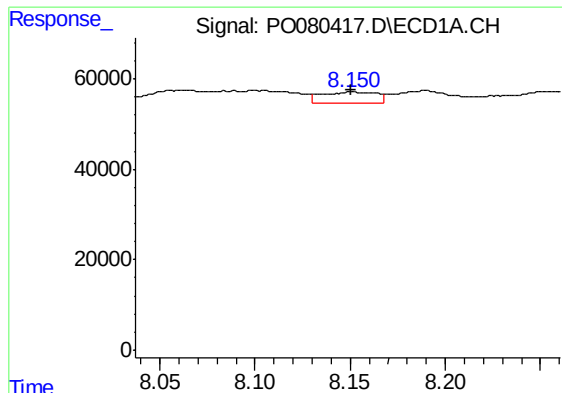
R.T.: 7.870 min  
Delta R.T.: 0.017 min  
Response: 291645  
Conc: 71.46 ng/ml



#28 AR-1254-3

R.T.: 6.878 min  
Delta R.T.: 0.020 min  
Response: 27978  
Conc: 13.88 ng/ml

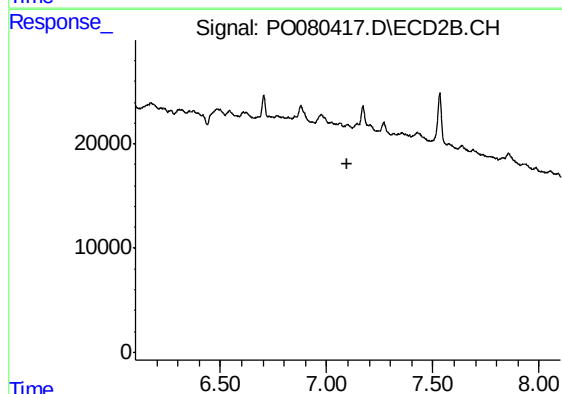




#29 AR-1254-4

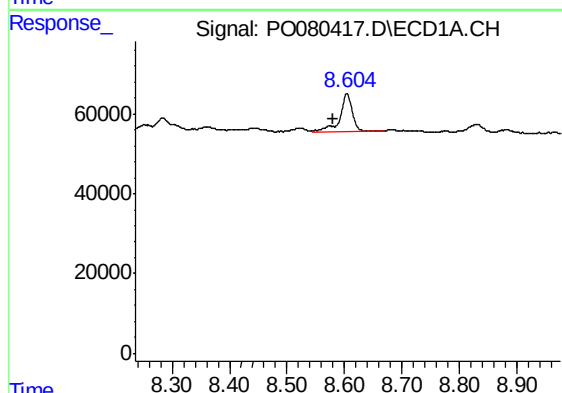
R.T.: 8.152 min  
Delta R.T.: 0.002 min  
Response: 47345  
Conc: 15.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



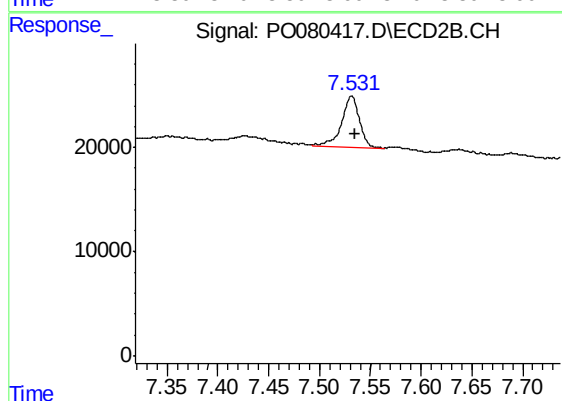
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.100 min  
Response: 0  
Conc: N.D.



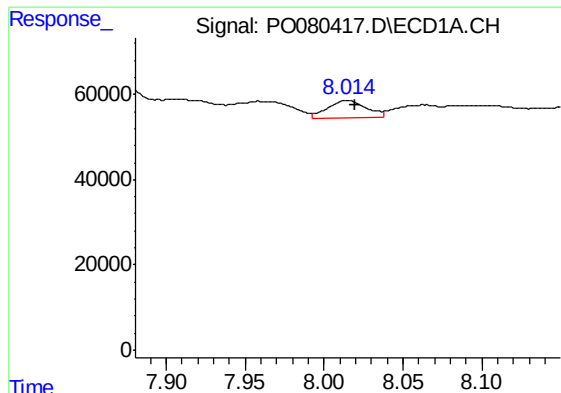
#30 AR-1254-5

R.T.: 8.604 min  
Delta R.T.: 0.024 min  
Response: 145878  
Conc: 47.15 ng/ml



#30 AR-1254-5

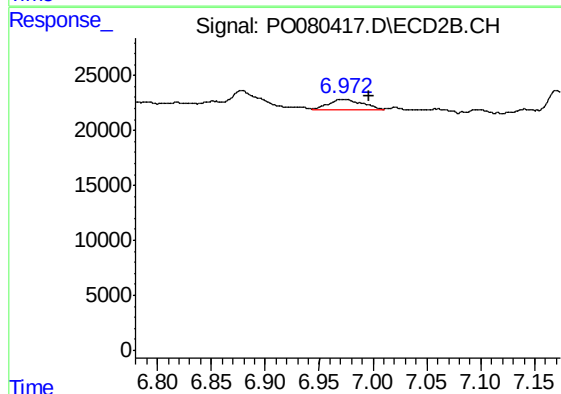
R.T.: 7.532 min  
Delta R.T.: -0.003 min  
Response: 59480  
Conc: 33.90 ng/ml



#31 AR-1260-1

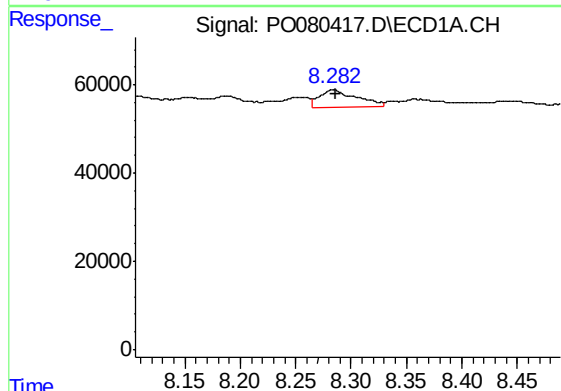
R.T.: 8.015 min  
Delta R.T.: -0.005 min  
Response: 68953  
Conc: 24.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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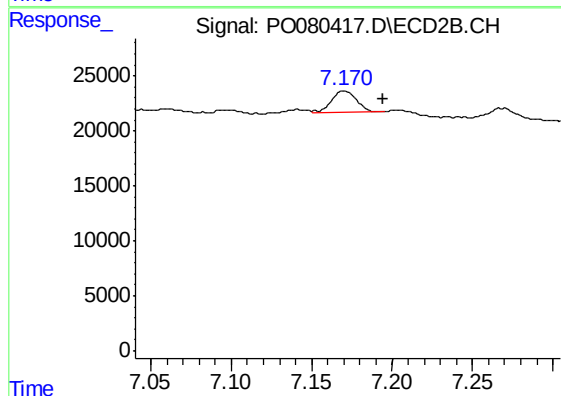
#31 AR-1260-1

R.T.: 6.974 min  
Delta R.T.: -0.022 min  
Response: 18823  
Conc: 14.04 ng/ml



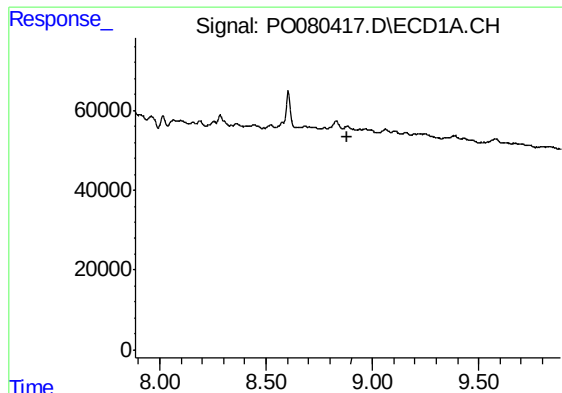
#32 AR-1260-2

R.T.: 8.284 min  
Delta R.T.: -0.002 min  
Response: 90340  
Conc: 27.18 ng/ml



#32 AR-1260-2

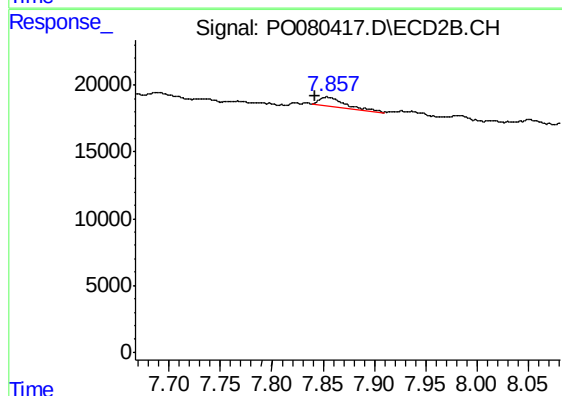
R.T.: 7.170 min  
Delta R.T.: -0.024 min  
Response: 22008  
Conc: 13.24 ng/ml



#34 AR-1260-4

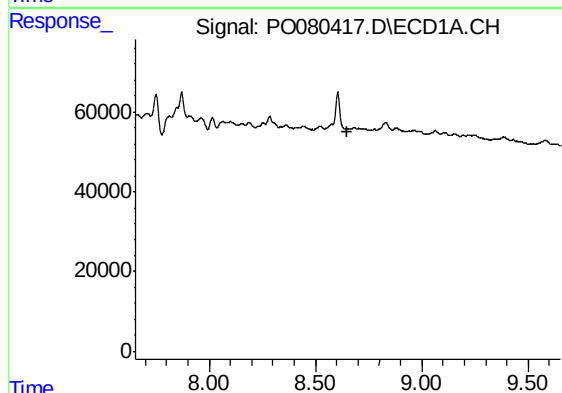
R.T.: 0.000 min  
Exp R.T. : 8.885 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



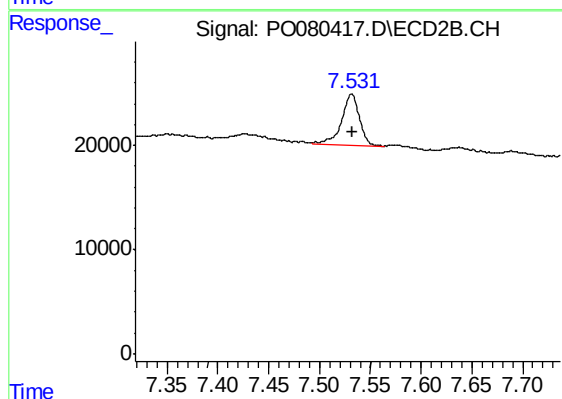
#34 AR-1260-4

R.T.: 7.855 min  
Delta R.T.: 0.013 min  
Response: 11785  
Conc: 9.41 ng/ml



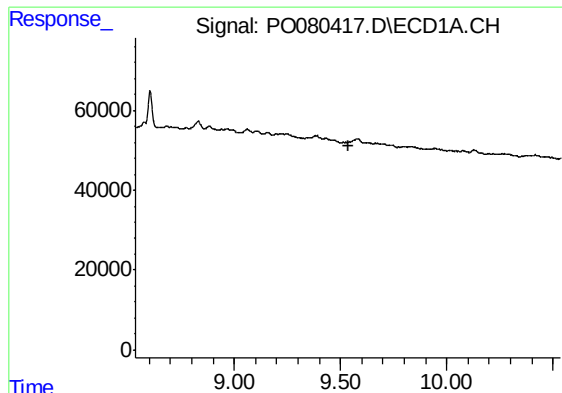
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.652 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

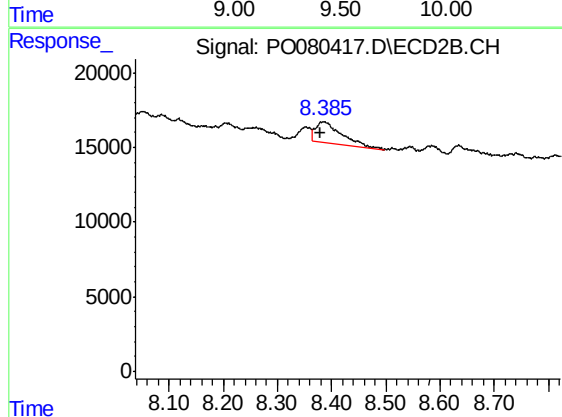
R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 59480  
Conc: 59.26 ng/ml



#38 AR-1262-3

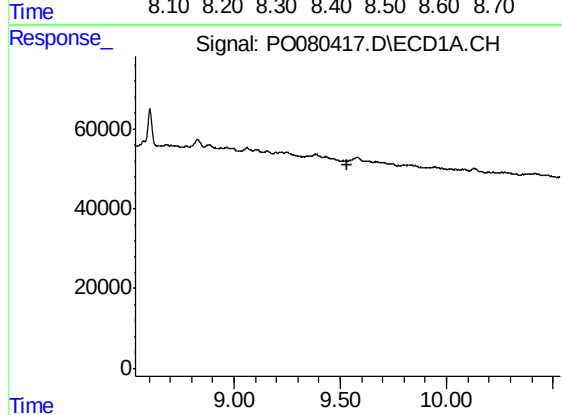
R.T.: 0.000 min  
Exp R.T. : 9.535 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



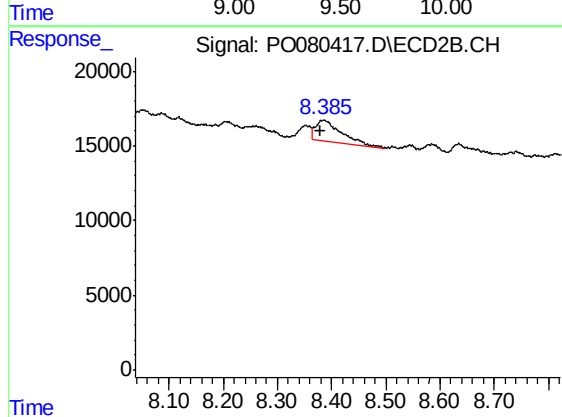
#38 AR-1262-3

R.T.: 8.385 min  
Delta R.T.: 0.005 min  
Response: 49138  
Conc: 37.35 ng/ml



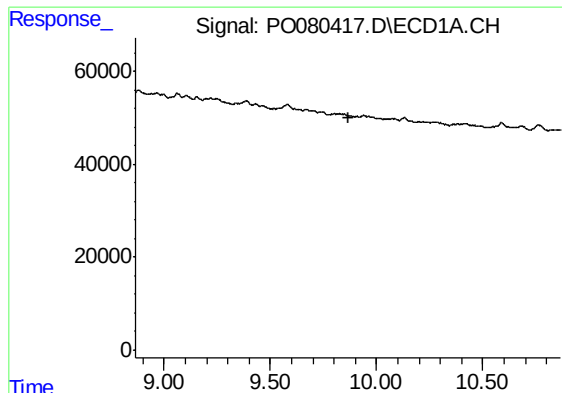
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.536 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

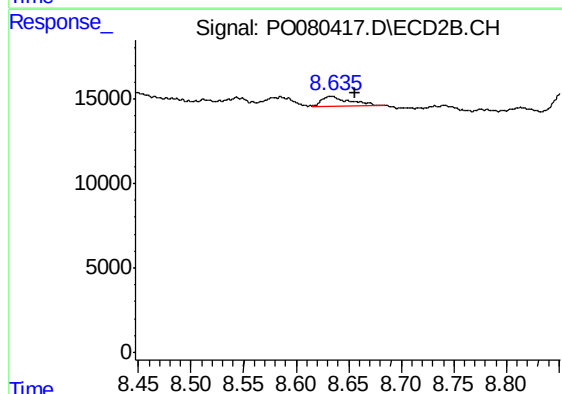
R.T.: 8.385 min  
Delta R.T.: 0.004 min  
Response: 49138  
Conc: 13.16 ng/ml



#43 AR-1268-3

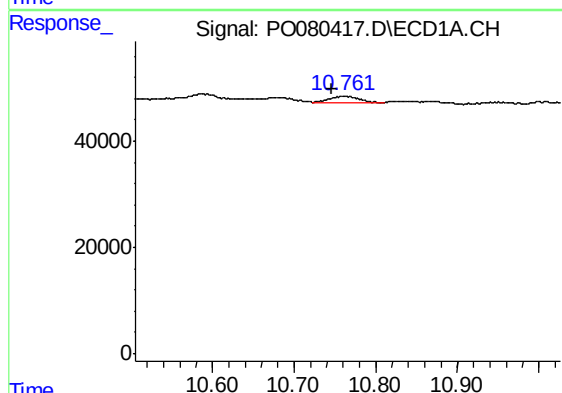
R.T.: 0.000 min  
Exp R.T. : 9.865 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PCB-080521-TB-03



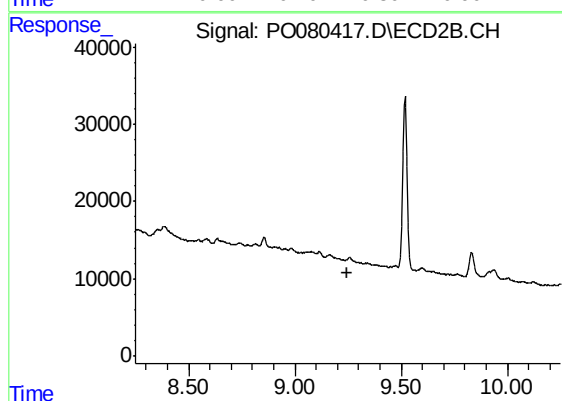
#43 AR-1268-3

R.T.: 8.635 min  
Delta R.T.: -0.022 min  
Response: 10557  
Conc: 3.71 ng/ml



#45 AR-1268-5

R.T.: 10.761 min  
Delta R.T.: 0.014 min  
Response: 28890  
Conc: 1.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.249 min  
Response: 0  
Conc: N.D.