

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0040919\  
 Data File : P0055057.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Apr 2019 8:57  
 Operator : SM/SJ  
 Sample : K2221-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 S2B(2-10)COMP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 09 09:29:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0032519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 17:22:26 2019  
 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... | 4.298 | 3.610 | 713406 | 687399 | 20.556  | 21.540    |
| 2)                          | SA Decachlor... | 9.916 | 8.580 | 821366 | 587226 | 16.661  | 18.438    |
|                             |                 |       |       |        |        |         |           |
| Target Compounds            |                 |       |       |        |        |         |           |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.991 | 0      | 16836  | N.D.    | 16.660 #  |
| 7)                          | L1 AR-1016-5    | 5.932 | 5.170 | 40618  | 23182  | 30.442  | 17.786 #  |
| 9)                          | L2 AR-1221-2    | 4.601 | 3.909 | 10607  | 13026  | 31.277  | 43.451 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 4.026 | 0      | 81686  | N.D.    | 88.618 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 4.026 | 0      | 81686  | N.D.    | 108.931 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.991 | 0      | 16836  | N.D.    | 38.315 #  |
| 15)                         | L3 AR-1232-5    | 5.734 | 5.170 | 9093   | 23182  | 21.857  | 47.664 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.991 | 0      | 16836  | N.D.    | 17.615 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.485 | 0      | 23771  | N.D.    | 19.327 #  |
| 22)                         | L5 AR-1248-2    | 5.734 | 4.991 | 9093   | 16836  | 6.261   | 13.930 #  |
| 23)                         | L5 AR-1248-3    | 5.932 | 4.991 | 40618  | 16836  | 25.431  | 13.492 #  |
| 24)                         | L5 AR-1248-4    | 6.308 | 5.170 | 17074  | 23182  | 9.089   | 15.221 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.485 | 0      | 23771  | N.D.    | 15.944 #  |
| 26)                         | L6 AR-1254-1    | 6.308 | 5.485 | 17074  | 23771  | 9.416   | 10.877    |
| 27)                         | L6 AR-1254-2    | 6.529 | 5.630 | 79498  | 18863  | 27.848  | 9.728 #   |
| 28)                         | L6 AR-1254-3    | 6.895 | 6.031 | 143520 | 174723 | 45.638  | 54.504    |
| 29)                         | L6 AR-1254-4    | 7.177 | 6.287 | 92145  | 4729   | 37.666  | 2.415 #   |
| 30)                         | L6 AR-1254-5    | 7.594 | 6.709 | 212829 | 83033  | 79.405  | 28.884 #  |
| 31)                         | L7 AR-1260-1    | 7.054 | 6.161 | 256097 | 121484 | 101.923 | 52.864 #  |
| 32)                         | L7 AR-1260-2    | 7.310 | 6.347 | 167818 | 112840 | 54.073  | 40.992    |
| 33)                         | L7 AR-1260-3    | 7.668 | 6.501 | 99493  | 157720 | 40.537  | 61.181 #  |
| 34)                         | L7 AR-1260-4    | 7.888 | 6.970 | 180904 | 77188  | 65.402  | 36.270 #  |
| 35)                         | L7 AR-1260-5    | 8.203 | 7.209 | 206362 | 215763 | 37.192  | 45.051    |
| 36)                         | L8 AR-1262-1    | 7.668 | 6.742 | 99493  | 7868   | 29.859  | 2.645 #   |
| 37)                         | L8 AR-1262-2    | 8.203 | 7.209 | 206362 | 215763 | 34.832  | 44.023 #  |
| 38)                         | L8 AR-1262-3    | 8.516 | 7.493 | 207910 | 42374  | 50.186  | 20.636 #  |
| 39)                         | L8 AR-1262-4    | 8.568 | 7.556 | 99111  | 141586 | 30.761  | 39.089 #  |
| 40)                         | L8 AR-1262-5    | 9.210 | 8.047 | 61420  | 52782  | 28.093  | 32.705    |
| 41)                         | L9 AR-1268-1    | 8.516 | 7.493 | 207910 | 42374  | 29.211  | 7.494 #   |
| 42)                         | L9 AR-1268-2    | 8.568 | 7.556 | 99111  | 141586 | 15.127  | 27.378 #  |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.761 | 0      | 72024  | N.D.    | 16.736 #  |
| 44)                         | L9 AR-1268-4    | 9.210 | 8.047 | 61420  | 52782  | 25.744  | 28.471    |
| 45)                         | L9 AR-1268-5    | 9.599 | 8.331 | 30366  | 10299  | 1.843   | 0.905 #   |
| -----                       |                 |       |       |        |        |         |           |

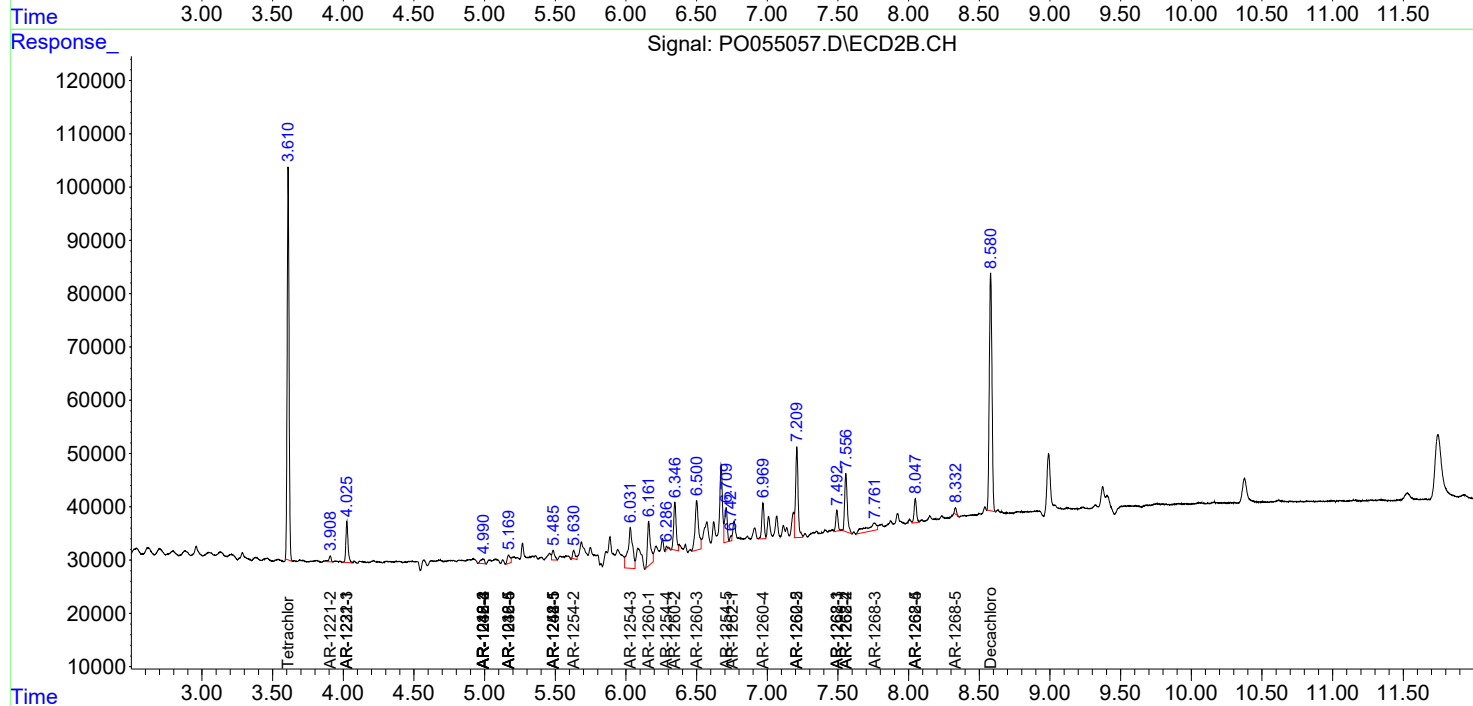
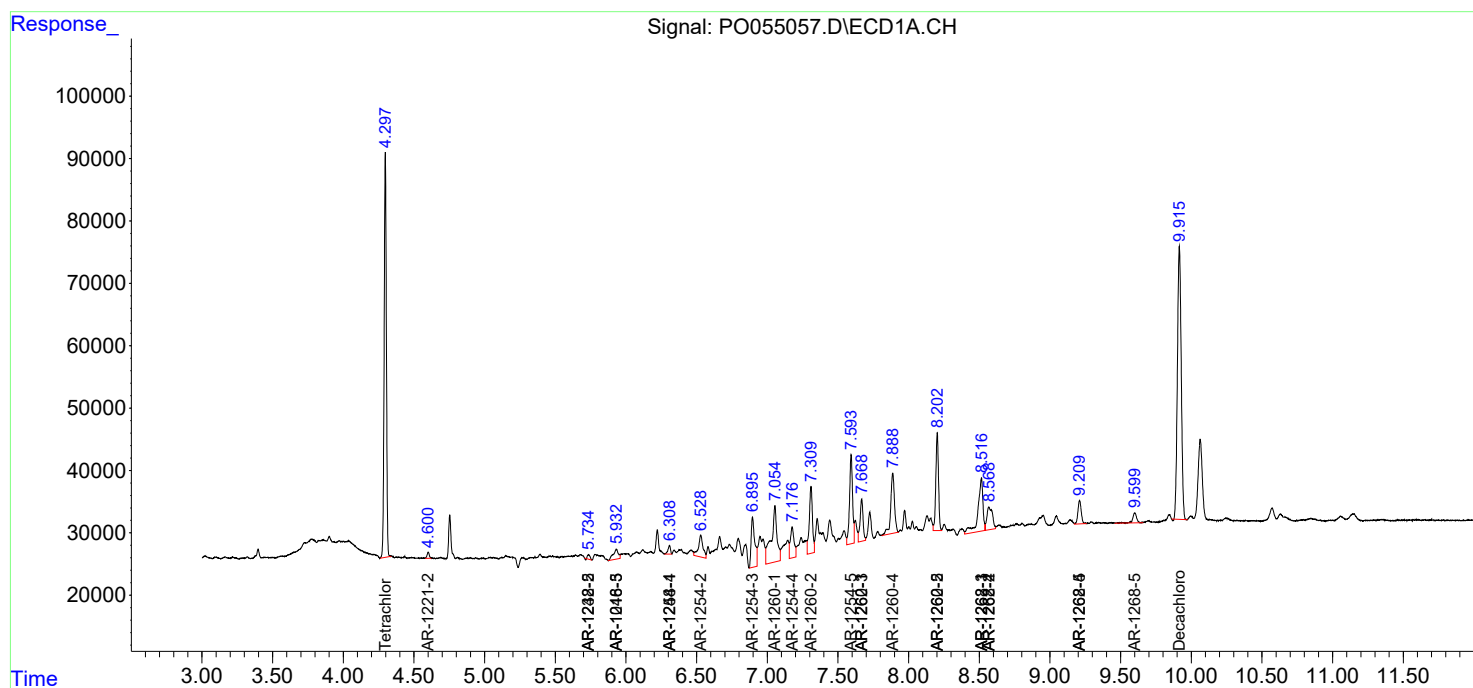
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

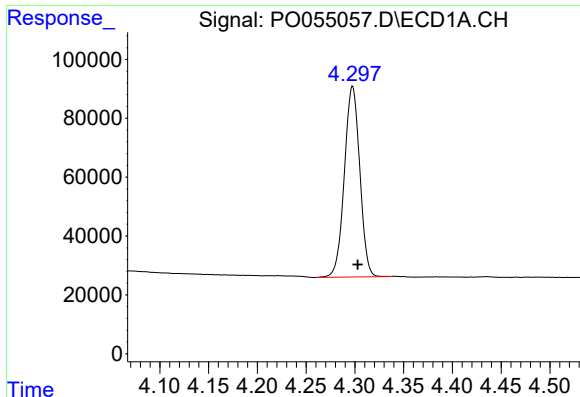
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO040919\  
Data File : PO055057.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Apr 2019 8:57  
Operator : SM/SJ  
Sample : K2221-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
S2B(2-10)COMP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 09 09:29:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO032519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 17:22:26 2019  
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

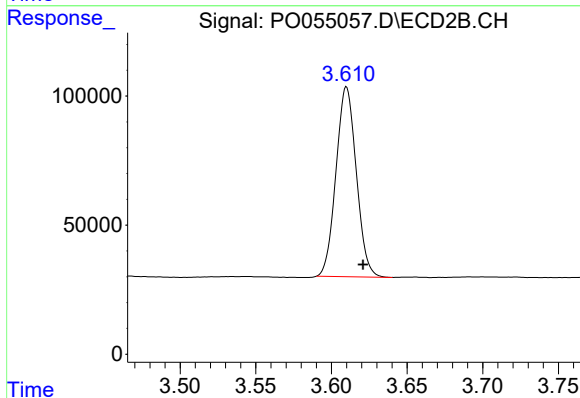




#1 Tetrachloro-m-xylene

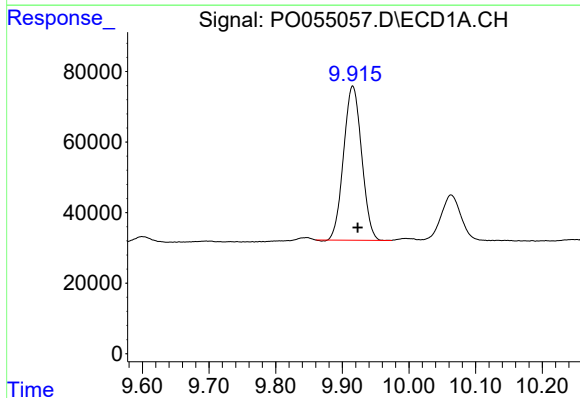
R.T.: 4.298 min  
Delta R.T.: -0.005 min  
Response: 713406  
Conc: 20.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



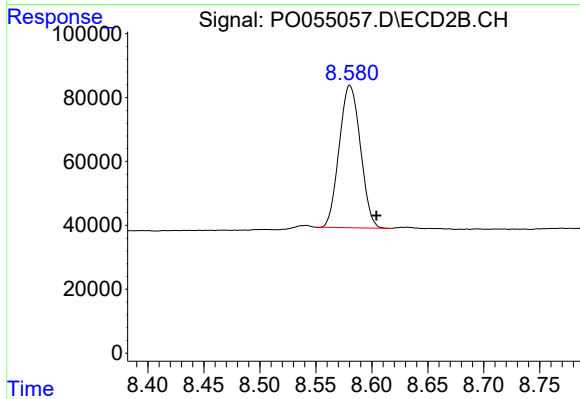
#1 Tetrachloro-m-xylene

R.T.: 3.610 min  
Delta R.T.: -0.011 min  
Response: 687399  
Conc: 21.54 ng/ml



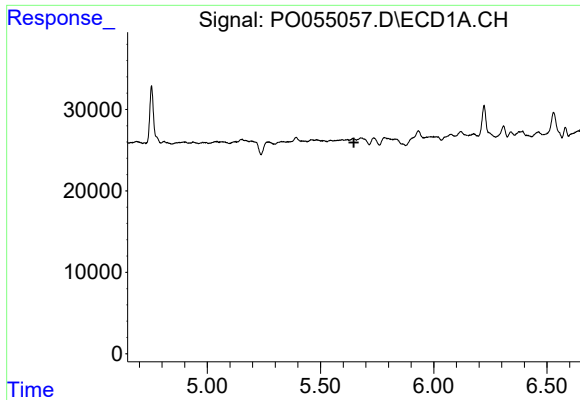
#2 Decachlorobiphenyl

R.T.: 9.916 min  
Delta R.T.: -0.007 min  
Response: 821366  
Conc: 16.66 ng/ml



#2 Decachlorobiphenyl

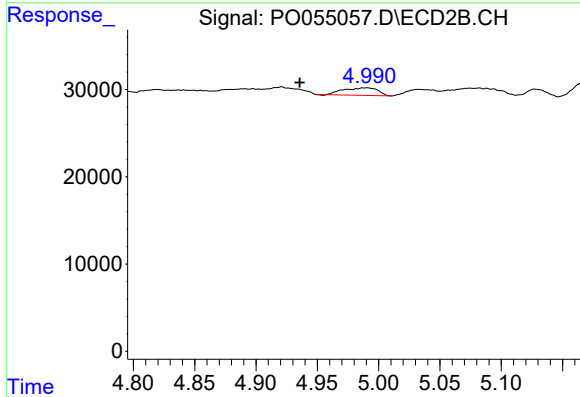
R.T.: 8.580 min  
Delta R.T.: -0.024 min  
Response: 587226  
Conc: 18.44 ng/ml



#6 AR-1016-4

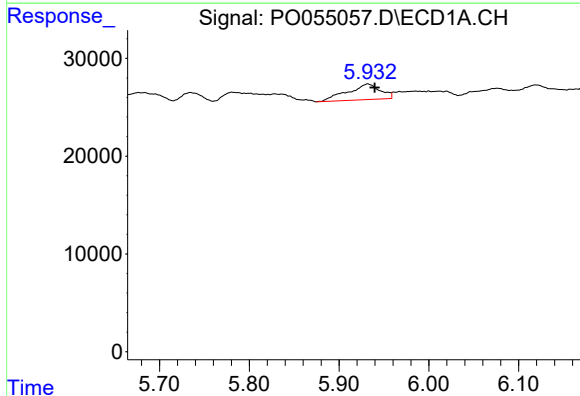
R.T.: 0.000 min  
Exp R.T.: 5.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



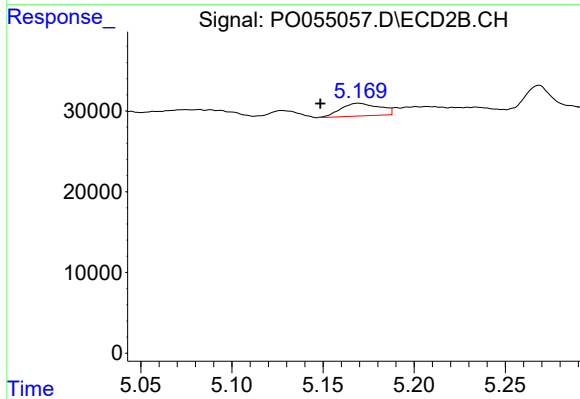
#6 AR-1016-4

R.T.: 4.991 min  
Delta R.T.: 0.055 min  
Response: 16836  
Conc: 16.66 ng/ml



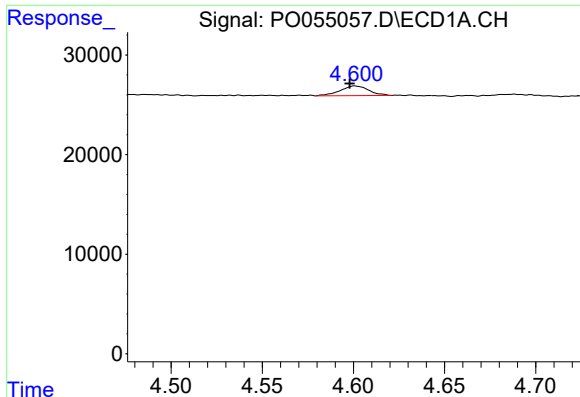
#7 AR-1016-5

R.T.: 5.932 min  
Delta R.T.: -0.008 min  
Response: 40618  
Conc: 30.44 ng/ml



#7 AR-1016-5

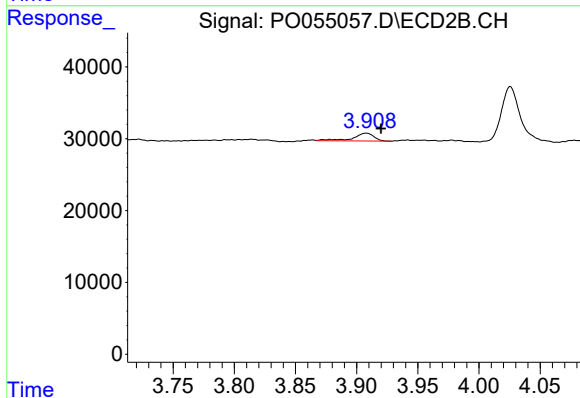
R.T.: 5.170 min  
Delta R.T.: 0.021 min  
Response: 23182  
Conc: 17.79 ng/ml



#9 AR-1221-2

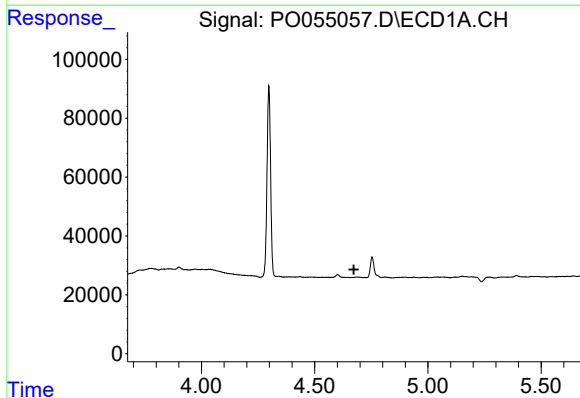
R.T.: 4.601 min  
Delta R.T.: 0.003 min  
Response: 10607  
Conc: 31.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



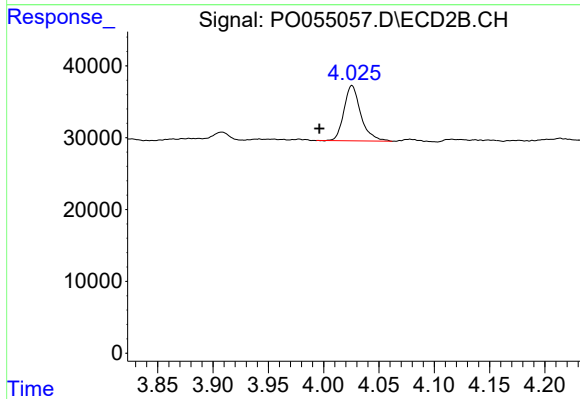
#9 AR-1221-2

R.T.: 3.909 min  
Delta R.T.: -0.011 min  
Response: 13026  
Conc: 43.45 ng/ml



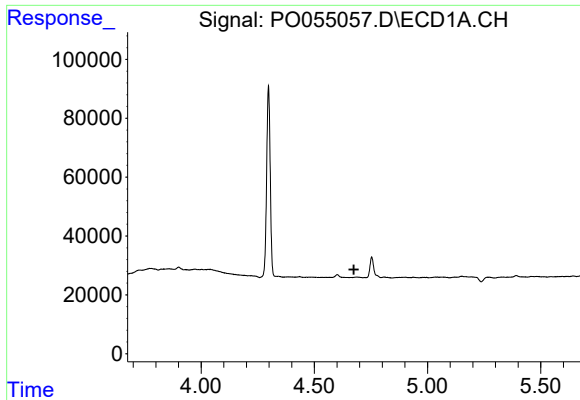
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.673 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

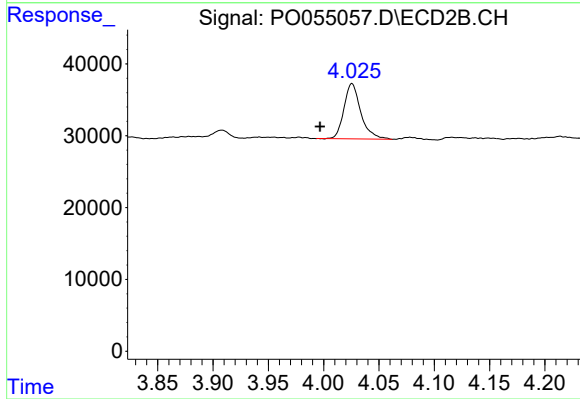
R.T.: 4.026 min  
Delta R.T.: 0.029 min  
Response: 81686  
Conc: 88.62 ng/ml



#11 AR-1232-1

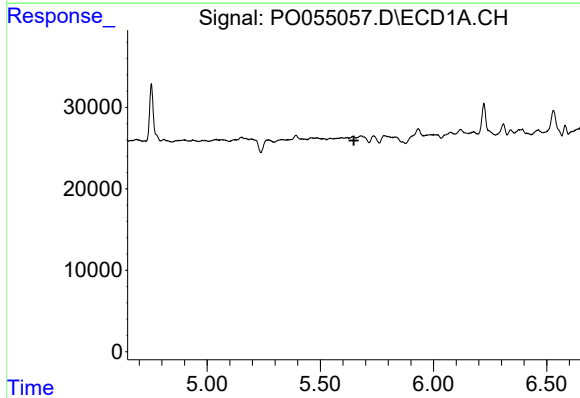
R.T.: 0.000 min  
Exp R.T. : 4.675 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



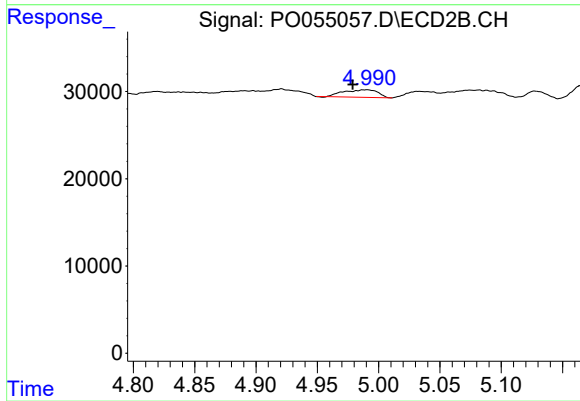
#11 AR-1232-1

R.T.: 4.026 min  
Delta R.T.: 0.029 min  
Response: 81686  
Conc: 108.93 ng/ml



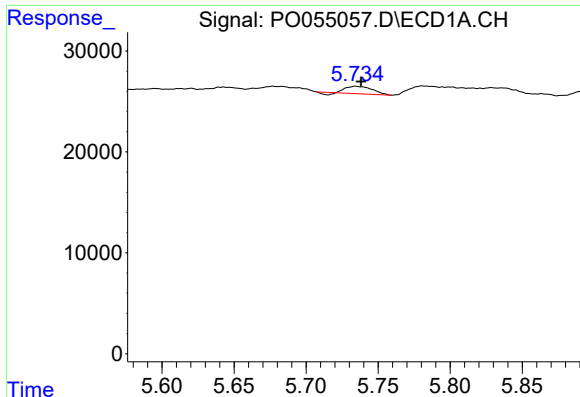
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.648 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

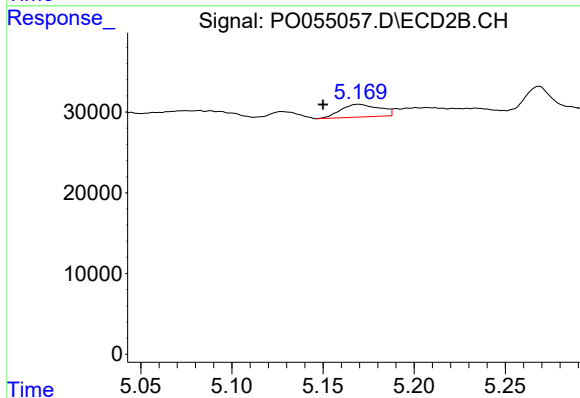
R.T.: 4.991 min  
Delta R.T.: 0.012 min  
Response: 16836  
Conc: 38.31 ng/ml



#15 AR-1232-5

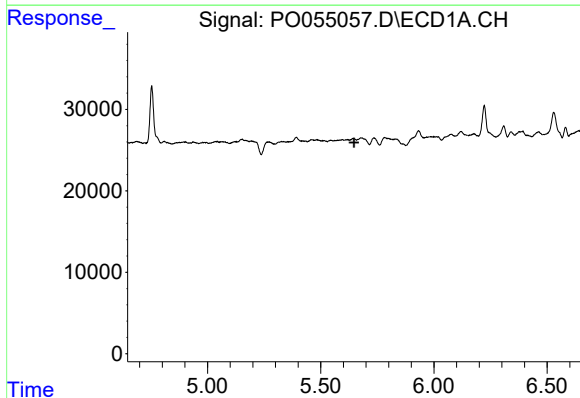
R.T.: 5.734 min  
Delta R.T.: -0.004 min  
Response: 9093  
Conc: 21.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



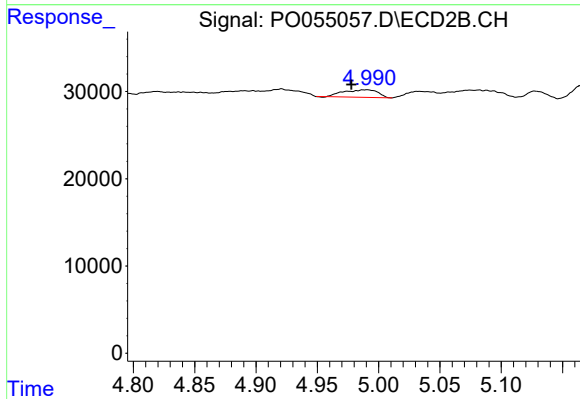
#15 AR-1232-5

R.T.: 5.170 min  
Delta R.T.: 0.020 min  
Response: 23182  
Conc: 47.66 ng/ml



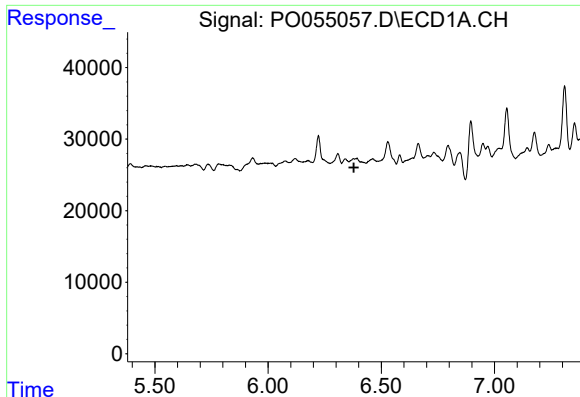
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.647 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

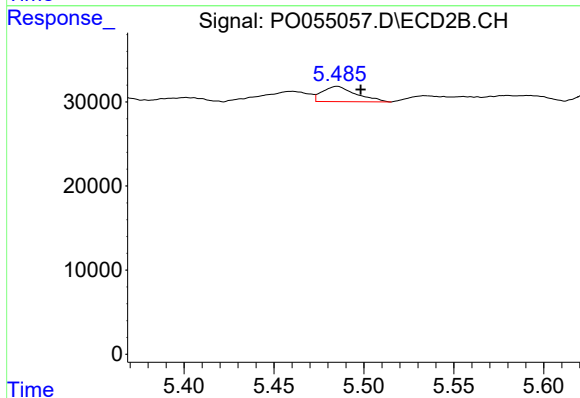
R.T.: 4.991 min  
Delta R.T.: 0.013 min  
Response: 16836  
Conc: 17.62 ng/ml



#20 AR-1242-5

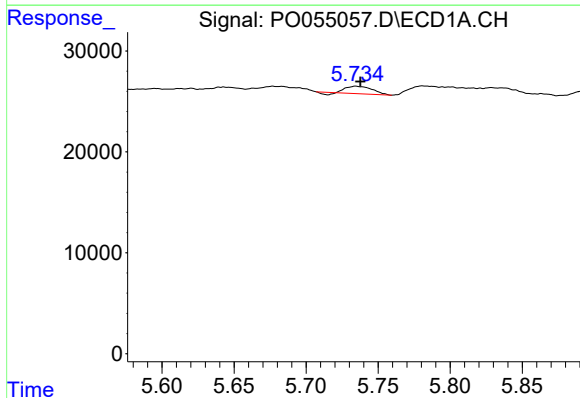
R.T.: 0.000 min  
Exp R.T.: 6.379 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



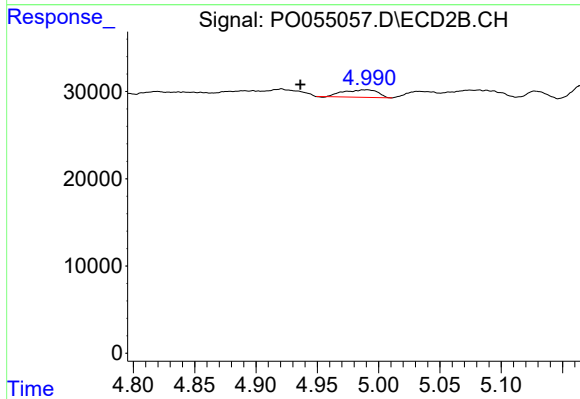
#20 AR-1242-5

R.T.: 5.485 min  
Delta R.T.: -0.013 min  
Response: 23771  
Conc: 19.33 ng/ml



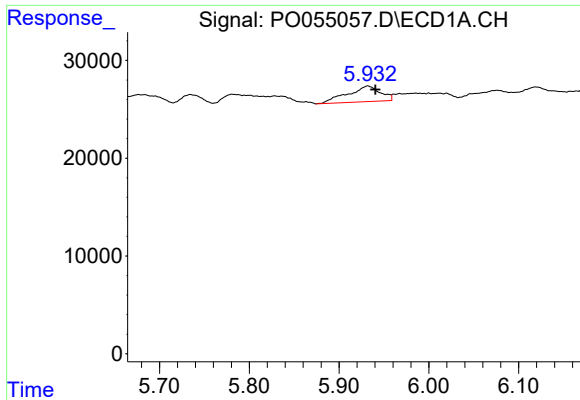
#22 AR-1248-2

R.T.: 5.734 min  
Delta R.T.: -0.003 min  
Response: 9093  
Conc: 6.26 ng/ml



#22 AR-1248-2

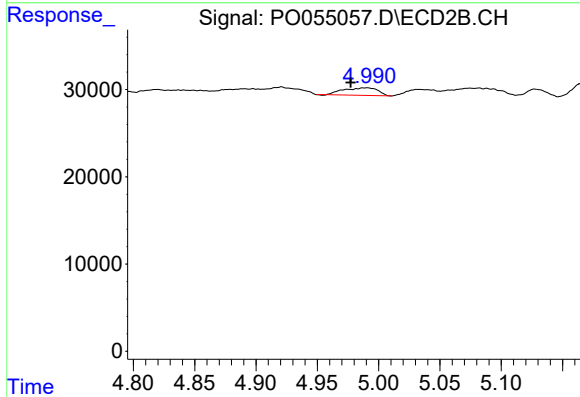
R.T.: 4.991 min  
Delta R.T.: 0.054 min  
Response: 16836  
Conc: 13.93 ng/ml



#23 AR-1248-3

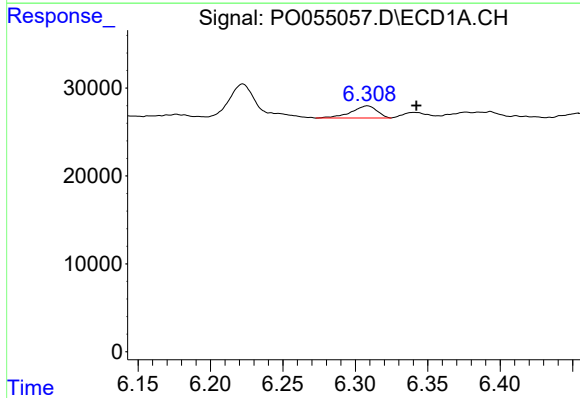
R.T.: 5.932 min  
Delta R.T.: -0.009 min  
Response: 40618  
Conc: 25.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



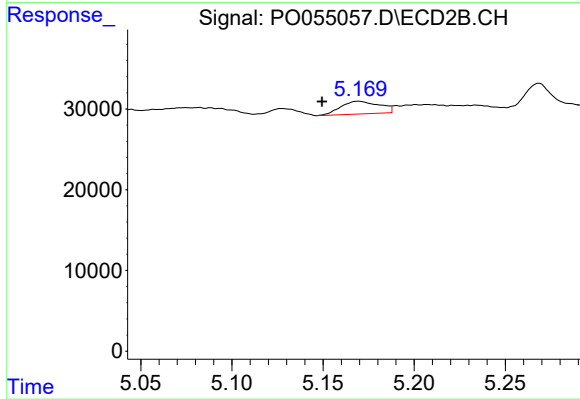
#23 AR-1248-3

R.T.: 4.991 min  
Delta R.T.: 0.013 min  
Response: 16836  
Conc: 13.49 ng/ml



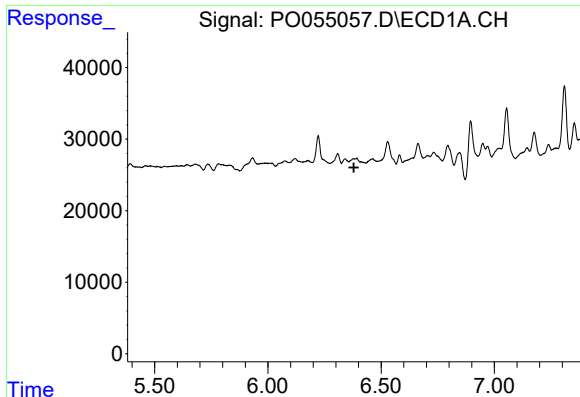
#24 AR-1248-4

R.T.: 6.308 min  
Delta R.T.: -0.034 min  
Response: 17074  
Conc: 9.09 ng/ml



#24 AR-1248-4

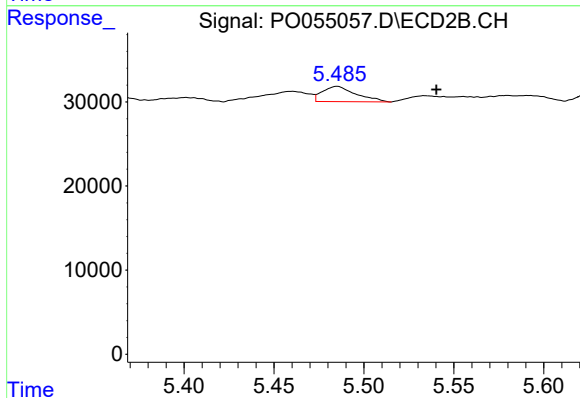
R.T.: 5.170 min  
Delta R.T.: 0.020 min  
Response: 23182  
Conc: 15.22 ng/ml



#25 AR-1248-5

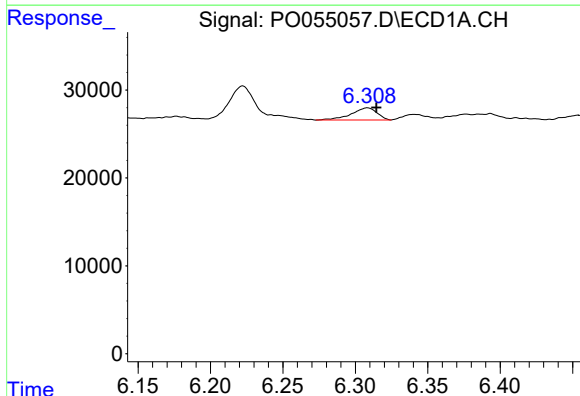
R.T.: 0.000 min  
Exp R.T.: 6.380 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



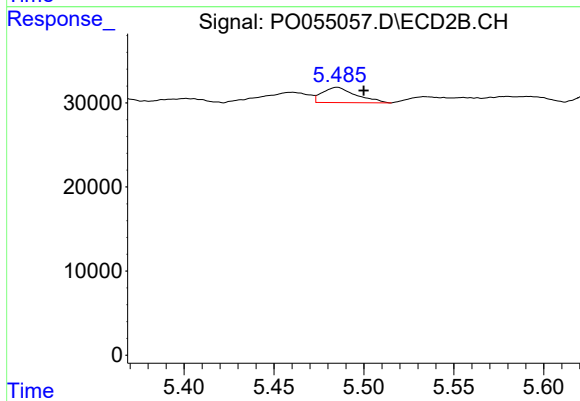
#25 AR-1248-5

R.T.: 5.485 min  
Delta R.T.: -0.055 min  
Response: 23771  
Conc: 15.94 ng/ml



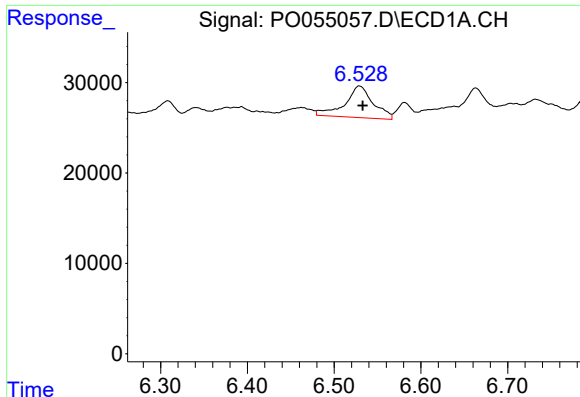
#26 AR-1254-1

R.T.: 6.308 min  
Delta R.T.: -0.006 min  
Response: 17074  
Conc: 9.42 ng/ml



#26 AR-1254-1

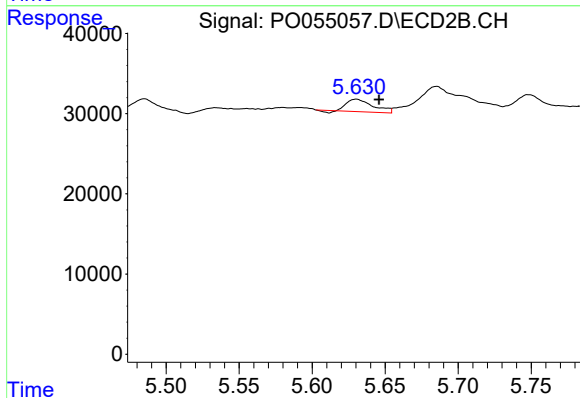
R.T.: 5.485 min  
Delta R.T.: -0.014 min  
Response: 23771  
Conc: 10.88 ng/ml



#27 AR-1254-2

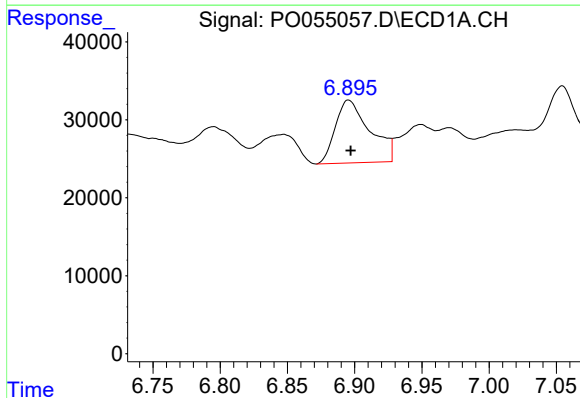
R.T.: 6.529 min  
Delta R.T.: -0.004 min  
Response: 79498  
Conc: 27.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



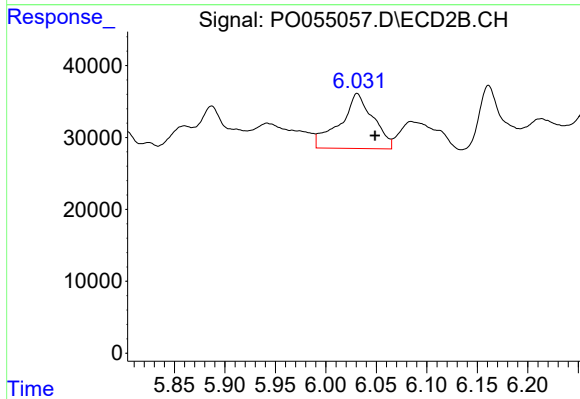
#27 AR-1254-2

R.T.: 5.630 min  
Delta R.T.: -0.015 min  
Response: 18863  
Conc: 9.73 ng/ml



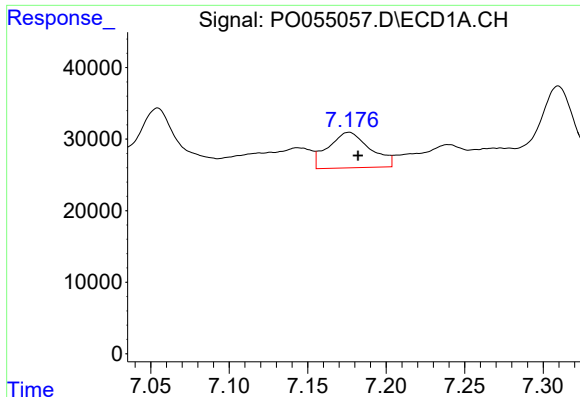
#28 AR-1254-3

R.T.: 6.895 min  
Delta R.T.: -0.002 min  
Response: 143520  
Conc: 45.64 ng/ml



#28 AR-1254-3

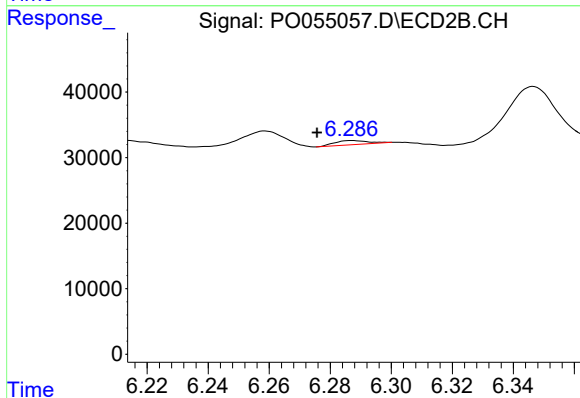
R.T.: 6.031 min  
Delta R.T.: -0.018 min  
Response: 174723  
Conc: 54.50 ng/ml



#29 AR-1254-4

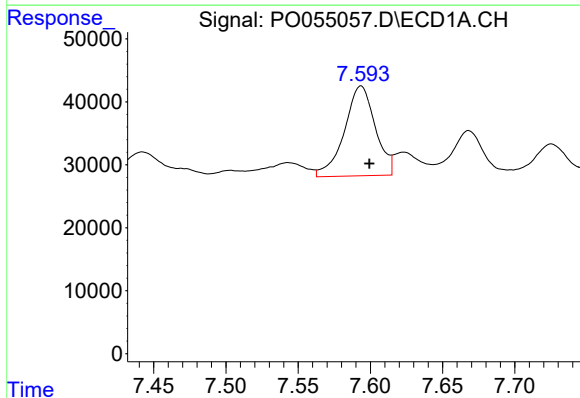
R.T.: 7.177 min  
Delta R.T.: -0.006 min  
Response: 92145  
Conc: 37.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



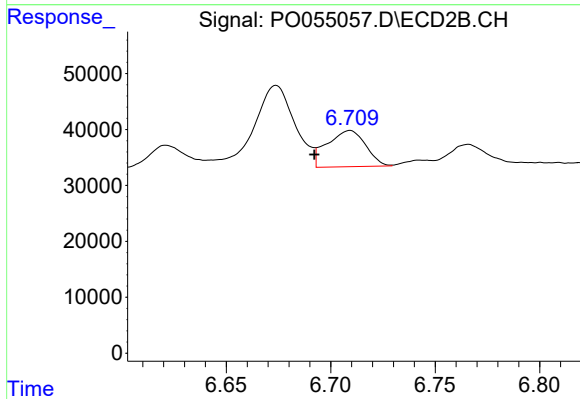
#29 AR-1254-4

R.T.: 6.287 min  
Delta R.T.: 0.011 min  
Response: 4729  
Conc: 2.42 ng/ml



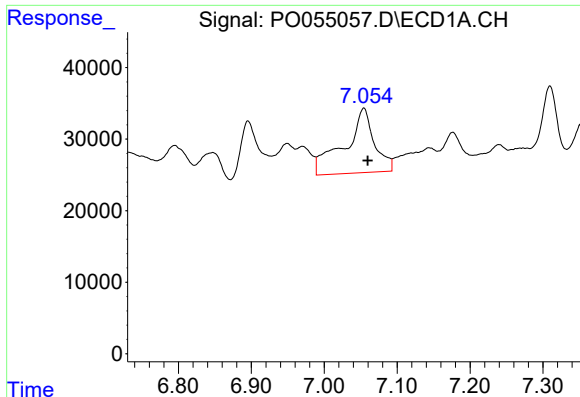
#30 AR-1254-5

R.T.: 7.594 min  
Delta R.T.: -0.006 min  
Response: 212829  
Conc: 79.40 ng/ml



#30 AR-1254-5

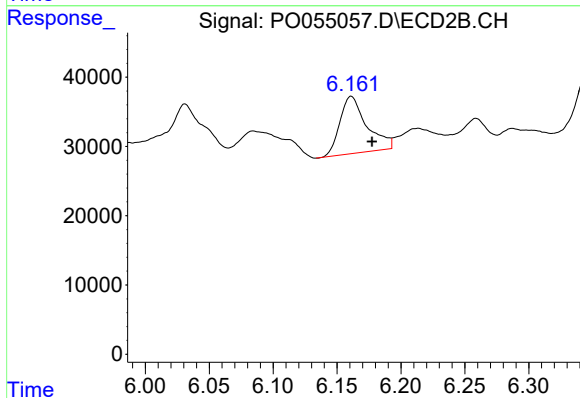
R.T.: 6.709 min  
Delta R.T.: 0.017 min  
Response: 83033  
Conc: 28.88 ng/ml



#31 AR-1260-1

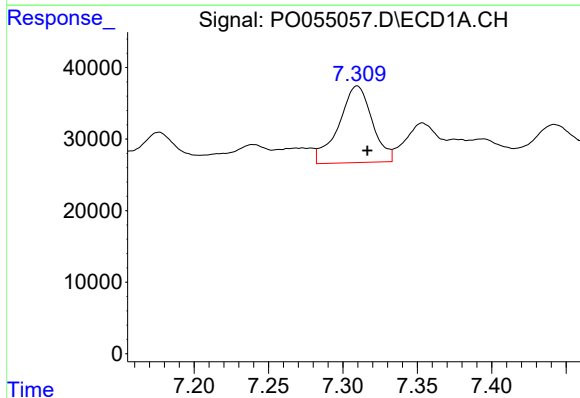
R.T.: 7.054 min  
Delta R.T.: -0.005 min  
Response: 256097  
Conc: 101.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



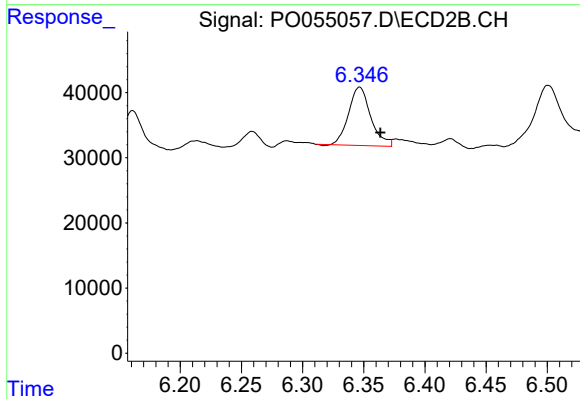
#31 AR-1260-1

R.T.: 6.161 min  
Delta R.T.: -0.016 min  
Response: 121484  
Conc: 52.86 ng/ml



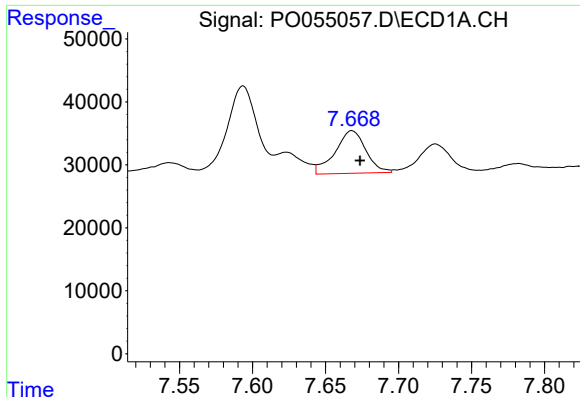
#32 AR-1260-2

R.T.: 7.310 min  
Delta R.T.: -0.007 min  
Response: 167818  
Conc: 54.07 ng/ml



#32 AR-1260-2

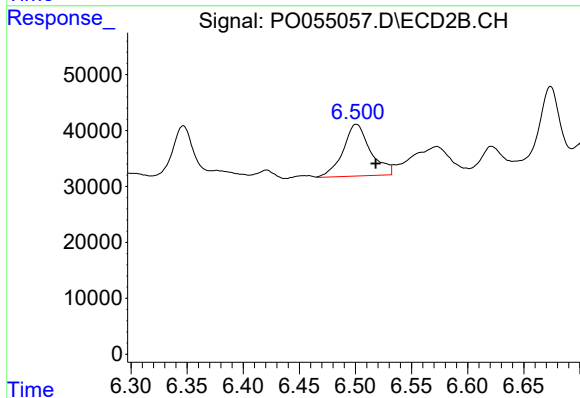
R.T.: 6.347 min  
Delta R.T.: -0.017 min  
Response: 112840  
Conc: 40.99 ng/ml



#33 AR-1260-3

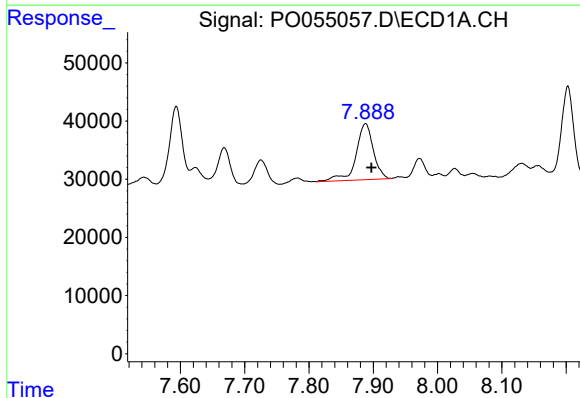
R.T.: 7.668 min  
Delta R.T.: -0.006 min  
Response: 99493  
Conc: 40.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



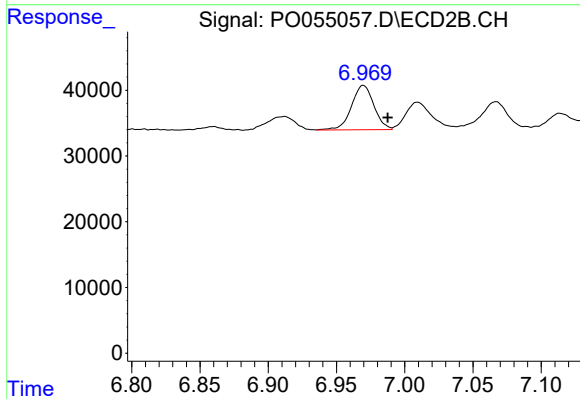
#33 AR-1260-3

R.T.: 6.501 min  
Delta R.T.: -0.017 min  
Response: 157720  
Conc: 61.18 ng/ml



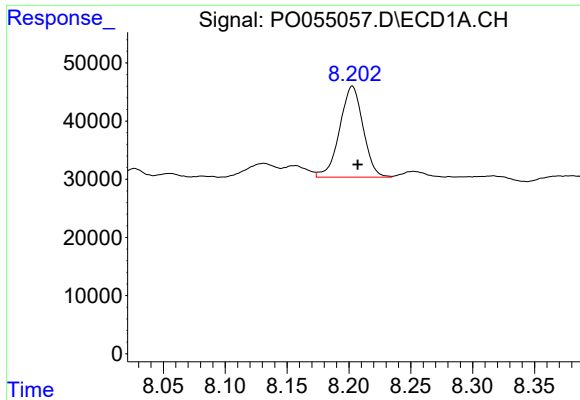
#34 AR-1260-4

R.T.: 7.888 min  
Delta R.T.: -0.009 min  
Response: 180904  
Conc: 65.40 ng/ml



#34 AR-1260-4

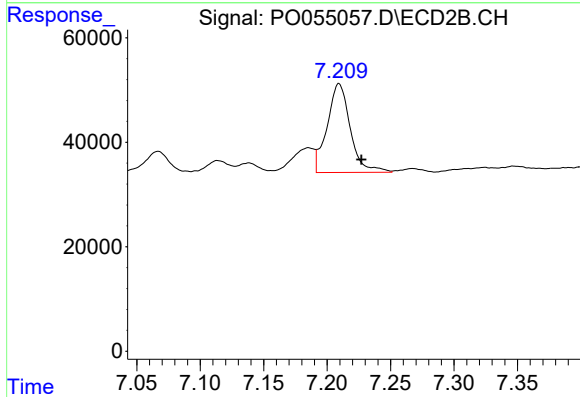
R.T.: 6.970 min  
Delta R.T.: -0.018 min  
Response: 77188  
Conc: 36.27 ng/ml



#35 AR-1260-5

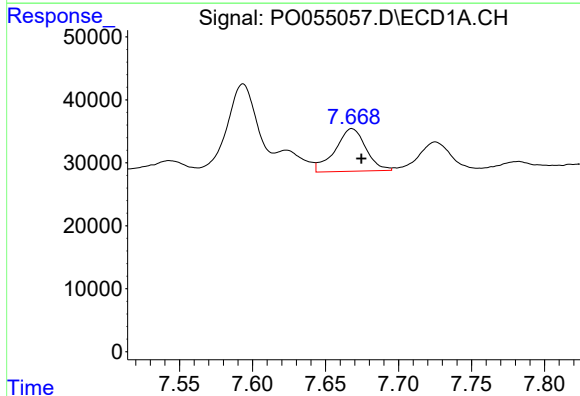
R.T.: 8.203 min  
Delta R.T.: -0.004 min  
Response: 206362  
Conc: 37.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



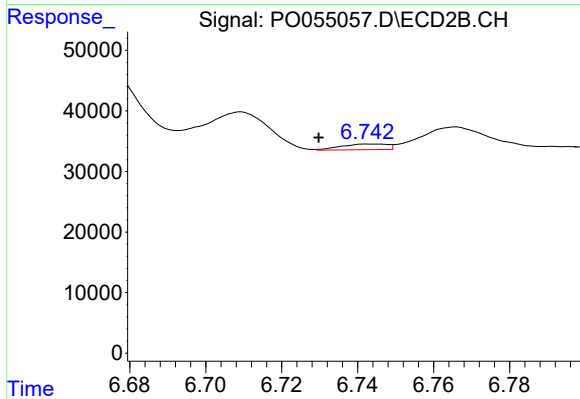
#35 AR-1260-5

R.T.: 7.209 min  
Delta R.T.: -0.018 min  
Response: 215763  
Conc: 45.05 ng/ml



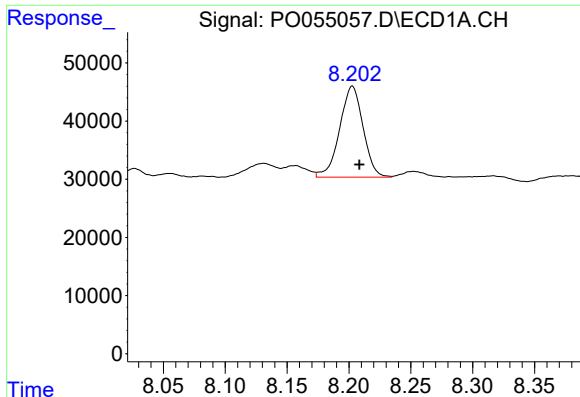
#36 AR-1262-1

R.T.: 7.668 min  
Delta R.T.: -0.007 min  
Response: 99493  
Conc: 29.86 ng/ml



#36 AR-1262-1

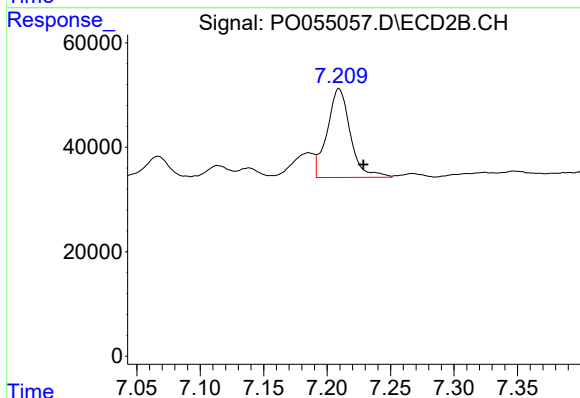
R.T.: 6.742 min  
Delta R.T.: 0.013 min  
Response: 7868  
Conc: 2.64 ng/ml



#37 AR-1262-2

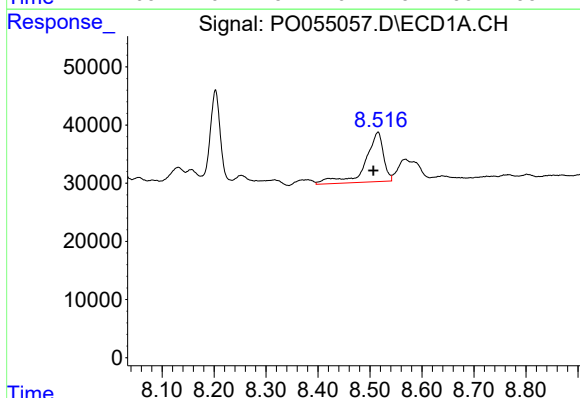
R.T.: 8.203 min  
Delta R.T.: -0.006 min  
Response: 206362  
Conc: 34.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



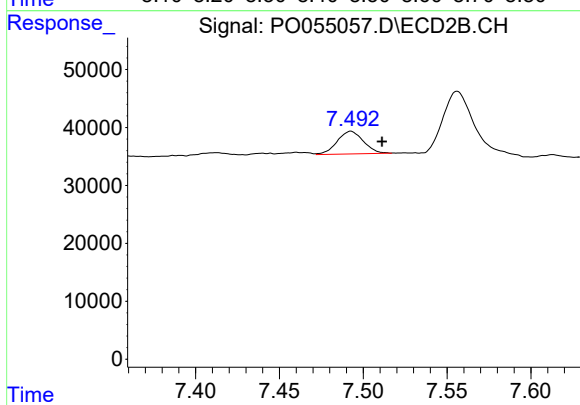
#37 AR-1262-2

R.T.: 7.209 min  
Delta R.T.: -0.019 min  
Response: 215763  
Conc: 44.02 ng/ml



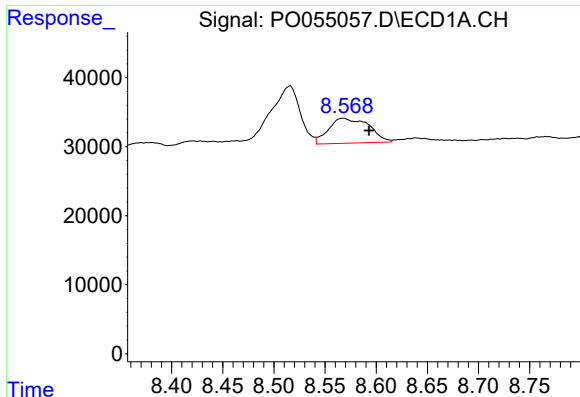
#38 AR-1262-3

R.T.: 8.516 min  
Delta R.T.: 0.009 min  
Response: 207910  
Conc: 50.19 ng/ml



#38 AR-1262-3

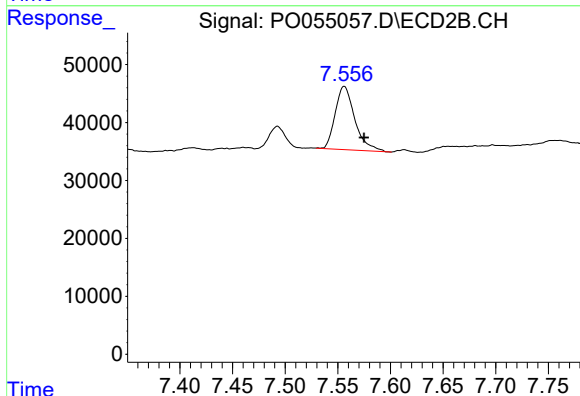
R.T.: 7.493 min  
Delta R.T.: -0.019 min  
Response: 42374  
Conc: 20.64 ng/ml



#39 AR-1262-4

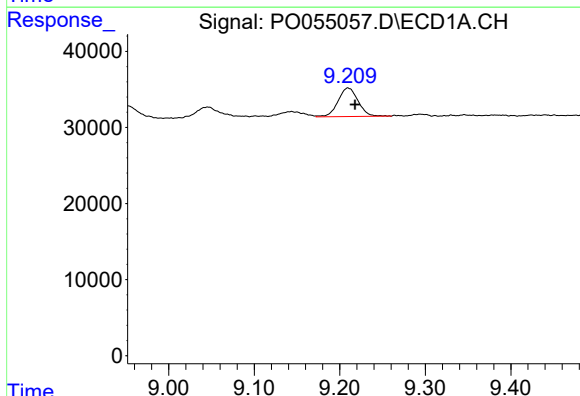
R.T.: 8.568 min  
Delta R.T.: -0.025 min  
Response: 99111  
Conc: 30.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



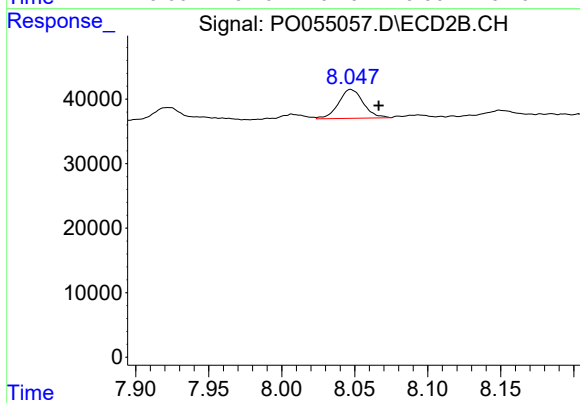
#39 AR-1262-4

R.T.: 7.556 min  
Delta R.T.: -0.019 min  
Response: 141586  
Conc: 39.09 ng/ml



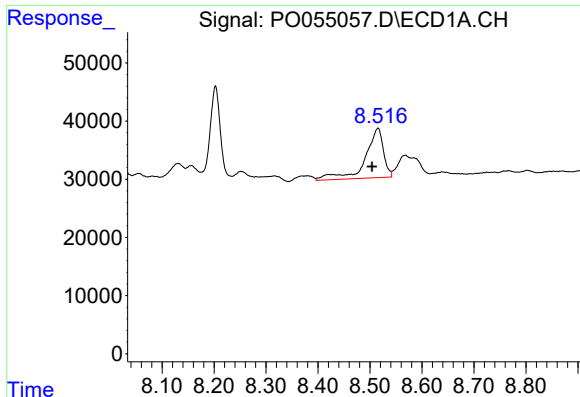
#40 AR-1262-5

R.T.: 9.210 min  
Delta R.T.: -0.008 min  
Response: 61420  
Conc: 28.09 ng/ml



#40 AR-1262-5

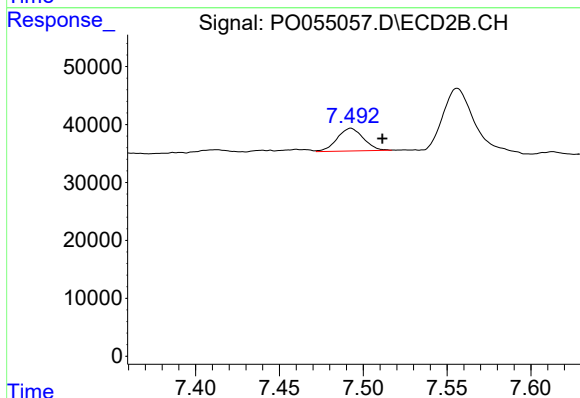
R.T.: 8.047 min  
Delta R.T.: -0.019 min  
Response: 52782  
Conc: 32.70 ng/ml



#41 AR-1268-1

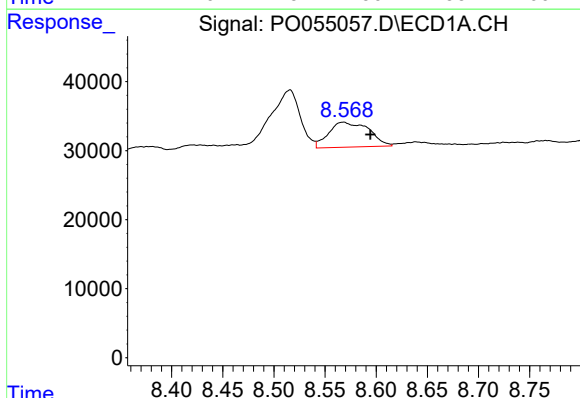
R.T.: 8.516 min  
Delta R.T.: 0.011 min  
Response: 207910  
Conc: 29.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



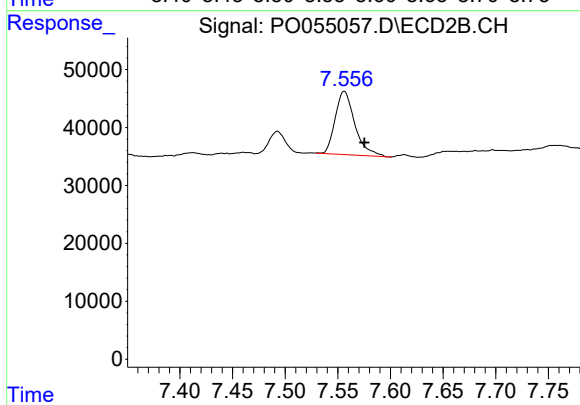
#41 AR-1268-1

R.T.: 7.493 min  
Delta R.T.: -0.019 min  
Response: 42374  
Conc: 7.49 ng/ml



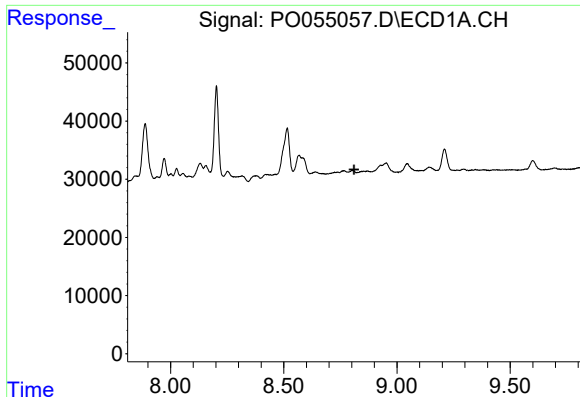
#42 AR-1268-2

R.T.: 8.568 min  
Delta R.T.: -0.026 min  
Response: 99111  
Conc: 15.13 ng/ml



#42 AR-1268-2

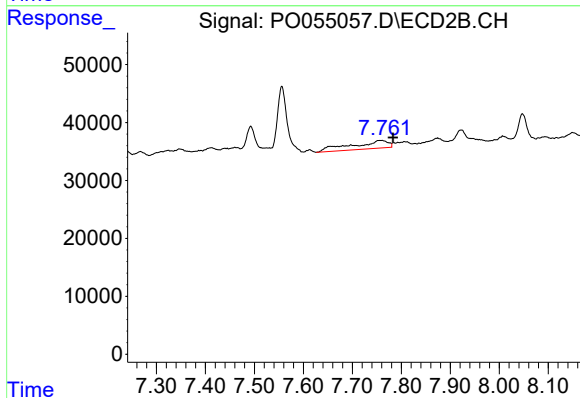
R.T.: 7.556 min  
Delta R.T.: -0.019 min  
Response: 141586  
Conc: 27.38 ng/ml



#43 AR-1268-3

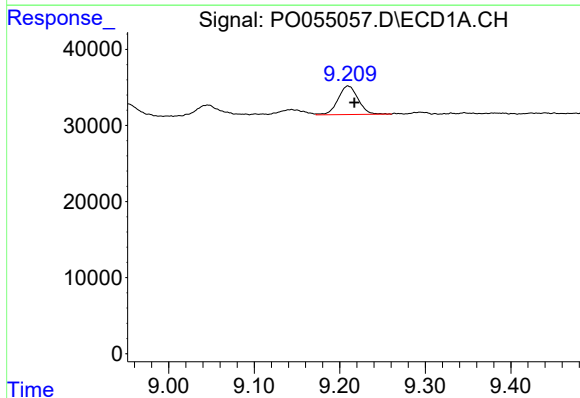
R.T.: 0.000 min  
Exp R.T.: 8.810 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



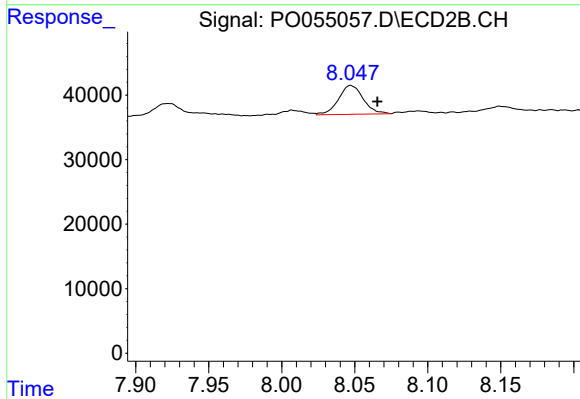
#43 AR-1268-3

R.T.: 7.761 min  
Delta R.T.: -0.022 min  
Response: 72024  
Conc: 16.74 ng/ml



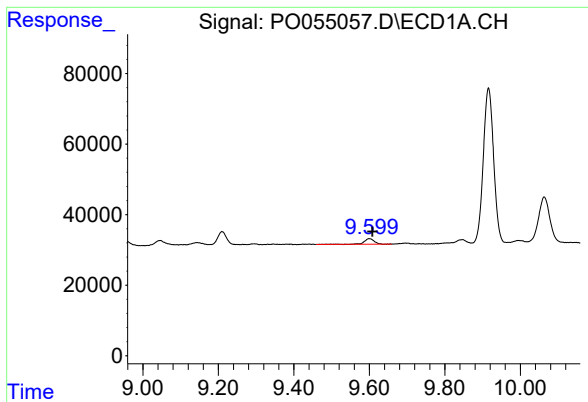
#44 AR-1268-4

R.T.: 9.210 min  
Delta R.T.: -0.007 min  
Response: 61420  
Conc: 25.74 ng/ml



#44 AR-1268-4

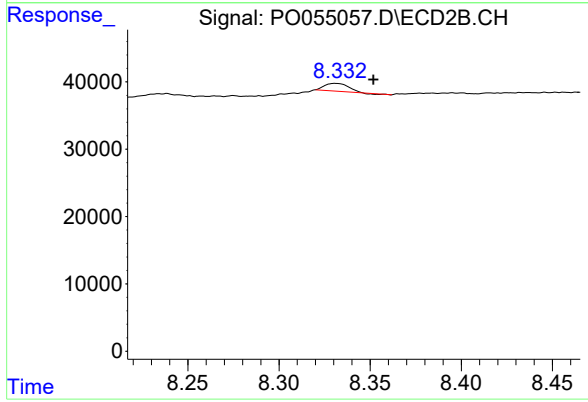
R.T.: 8.047 min  
Delta R.T.: -0.018 min  
Response: 52782  
Conc: 28.47 ng/ml



#45 AR-1268-5

R.T.: 9.599 min  
Delta R.T.: -0.009 min  
Response: 30366  
Conc: 1.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2B(2-10)COMP



#45 AR-1268-5

R.T.: 8.331 min  
Delta R.T.: -0.021 min  
Response: 10299  
Conc: 0.90 ng/ml