

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071219\  
 Data File : P0057833.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Jul 2019 13:04  
 Operator : SM/SJ  
 Sample : K3729-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 S9-03-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 13:40:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0062419.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jun 24 14:02:43 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... | 4.208 | 3.545 | 995270  | 837872  | 25.337  | 23.828     |
| 2)                          | SA Decachlor... | 9.735 | 8.454 | 706127  | 613607  | 12.557  | 16.404 #   |
| Target Compounds            |                 |       |       |         |         |         |            |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.840 | 0       | 72620   | N.D.    | 68.591 #   |
| 6)                          | L1 AR-1016-4    | 5.634 | 4.840 | 166509  | 72620   | 128.401 | 81.623 #   |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.049 | 0       | 70129   | N.D.    | 61.387 #   |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.840 | 0       | 72620   | N.D.    | 168.128 #  |
| 14)                         | L3 AR-1232-4    | 5.634 | 4.911 | 166509  | 20974   | 313.269 | 55.166 #   |
| 15)                         | L3 AR-1232-5    | 5.678 | 5.049 | 66708   | 70129   | 161.545 | 164.723    |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.840 | 0       | 72620   | N.D.    | 85.648 #   |
| 19)                         | L4 AR-1242-4    | 5.634 | 4.911 | 166509  | 20974   | 153.476 | 25.134 #   |
| 20)                         | L4 AR-1242-5    | 6.275 | 5.420 | 528516  | 443963  | 407.313 | 443.316    |
| 22)                         | L5 AR-1248-2    | 5.678 | 4.840 | 66708   | 72620   | 38.429  | 56.498 #   |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.911 | 0       | 20974   | N.D.    | 15.894 #   |
| 24)                         | L5 AR-1248-4    | 6.275 | 5.049 | 528516  | 70129   | 225.490 | 43.331 #   |
| 25)                         | L5 AR-1248-5    | 6.275 | 5.467 | 528516  | 92492   | 235.359 | 59.805 #   |
| 26)                         | L6 AR-1254-1    | 6.210 | 5.420 | 1716291 | 443963  | 881.163 | 208.755 #  |
| 27)                         | L6 AR-1254-2    | 6.473 | 5.540 | 705246  | 674974  | 226.275 | 362.644 #  |
| 28)                         | L6 AR-1254-3    | 6.843 | 5.939 | 291234  | 1621491 | 88.091  | 538.483 #  |
| 29)                         | L6 AR-1254-4    | 7.111 | 6.167 | 972569  | 1034155 | 358.365 | 574.512 #  |
| 30)                         | L6 AR-1254-5    | 7.513 | 6.577 | 1813832 | 3216625 | 648.750 | 1187.339 # |
| 31)                         | L7 AR-1260-1    | 6.949 | 6.067 | 844142  | 836218  | 304.594 | 390.703 #  |
| 32)                         | L7 AR-1260-2    | 7.248 | 6.254 | 744976  | 1045497 | 202.077 | 381.065 #  |
| 33)                         | L7 AR-1260-3    | 7.618 | 6.404 | 246028  | 768652  | 80.980  | 314.827 #  |
| 34)                         | L7 AR-1260-4    | 7.778 | 6.870 | 1152978 | 148113  | 380.178 | 71.139 #   |
| 35)                         | L7 AR-1260-5    | 8.090 | 7.144 | 552854  | 48607   | 88.406  | 9.583 #    |
| 36)                         | L8 AR-1262-1    | 7.618 | 6.647 | 246028  | 136378  | 54.134  | 36.433 #   |
| 37)                         | L8 AR-1262-2    | 8.090 | 7.144 | 552854  | 48607   | 77.164  | 8.180 #    |
| 38)                         | L8 AR-1262-3    | 8.395 | 7.389 | 405532  | 34528   | 82.591  | 13.499 #   |
| 39)                         | L8 AR-1262-4    | 8.440 | 7.454 | 144956  | 350897  | 35.630  | 79.616 #   |
| 40)                         | L8 AR-1262-5    | 0.000 | 7.947 | 0       | 40107   | N.D.    | 21.961 #   |
| 41)                         | L9 AR-1268-1    | 8.395 | 7.389 | 405532  | 34528   | 48.094  | 5.043 #    |
| 42)                         | L9 AR-1268-2    | 8.440 | 7.454 | 144956  | 350897  | 18.155  | 55.285 #   |
| 44)                         | L9 AR-1268-4    | 0.000 | 7.947 | 0       | 40107   | N.D.    | 20.019 #   |
| 45)                         | L9 AR-1268-5    | 9.436 | 8.219 | 83246   | 38909   | 4.208   | 2.532 #    |
| -----                       |                 |       |       |         |         |         |            |

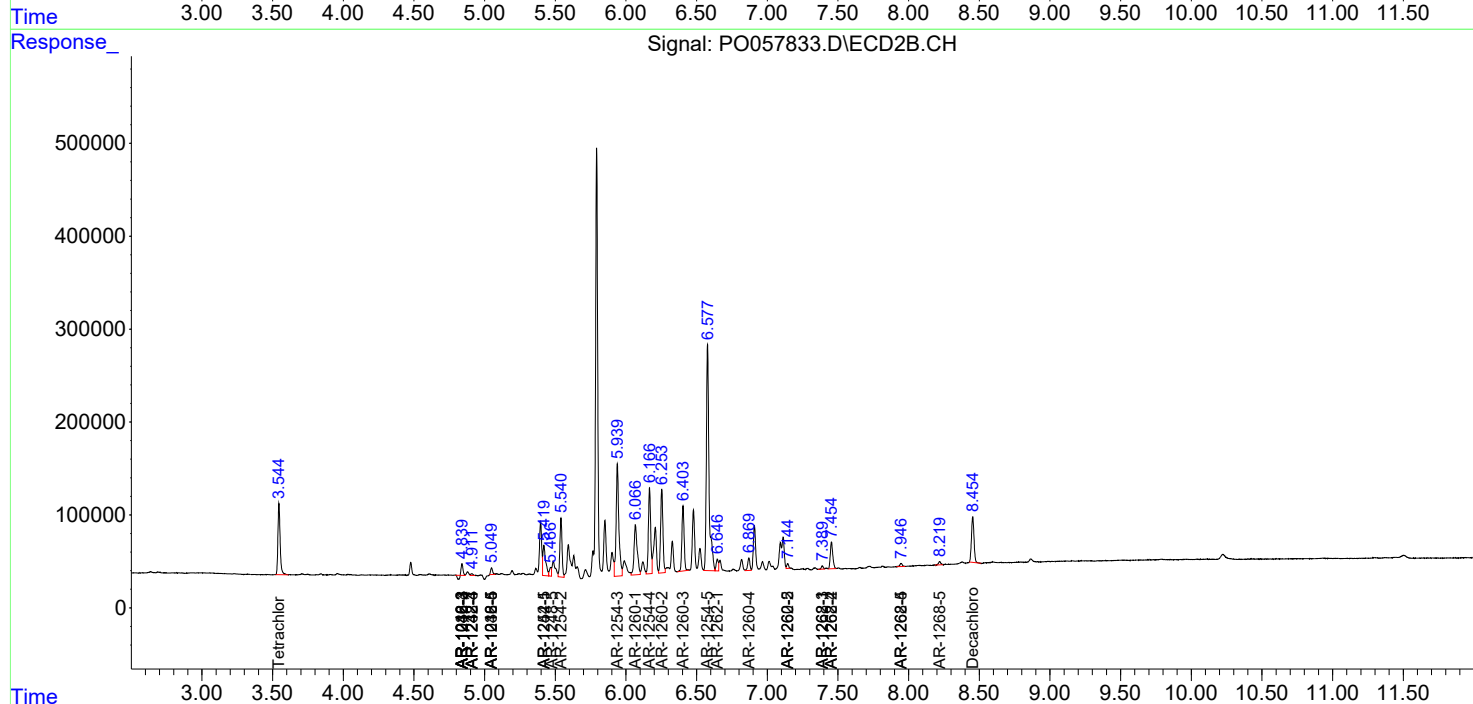
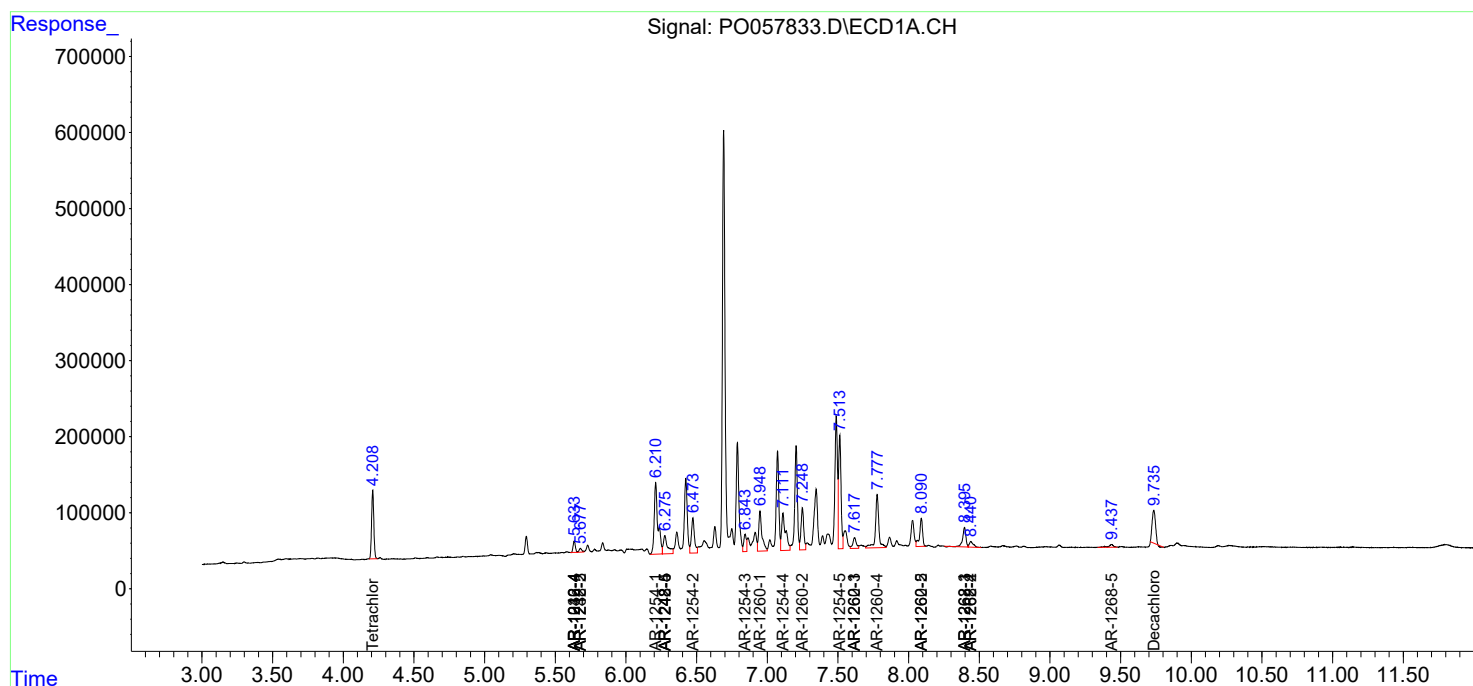
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

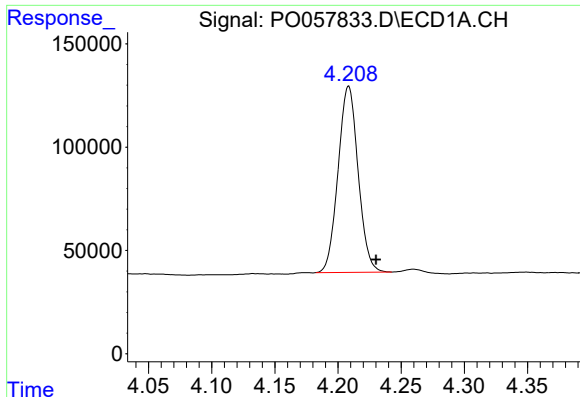
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO071219\  
Data File : PO057833.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Jul 2019 13:04  
Operator : SM/SJ  
Sample : K3729-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
S9-03-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 13:40:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO062419.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jun 24 14:02:43 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

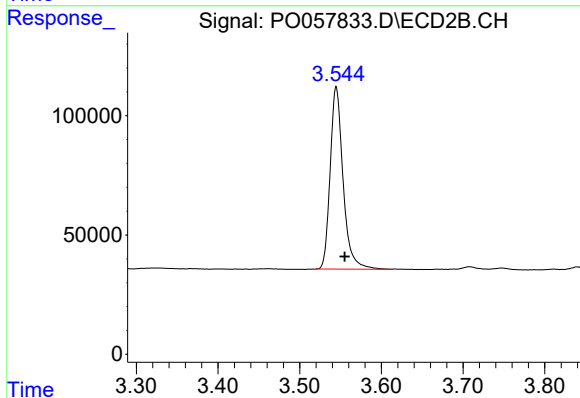




#1 Tetrachloro-m-xylene

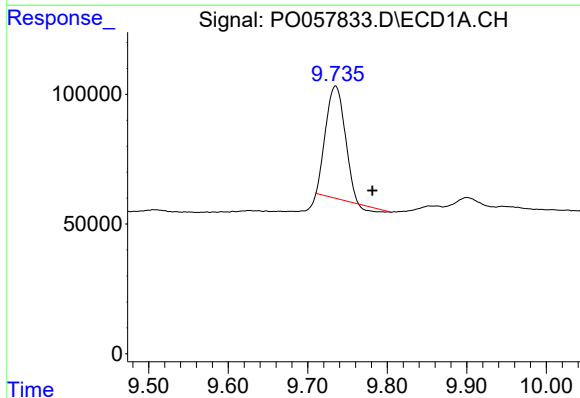
R.T.: 4.208 min  
Delta R.T.: -0.022 min  
Response: 995270  
Conc: 25.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



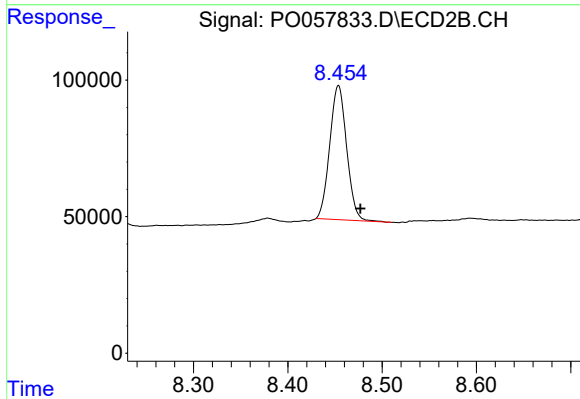
#1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: -0.011 min  
Response: 837872  
Conc: 23.83 ng/ml



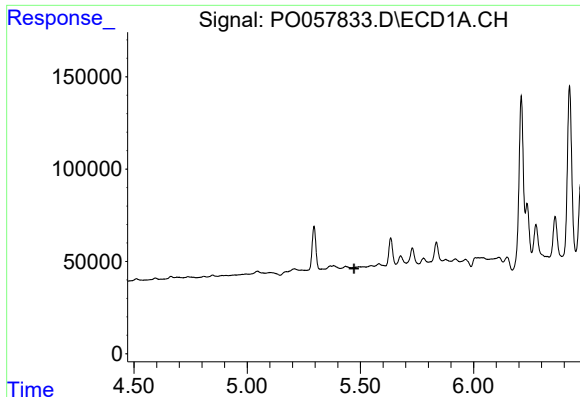
#2 Decachlorobiphenyl

R.T.: 9.735 min  
Delta R.T.: -0.046 min  
Response: 706127  
Conc: 12.56 ng/ml



#2 Decachlorobiphenyl

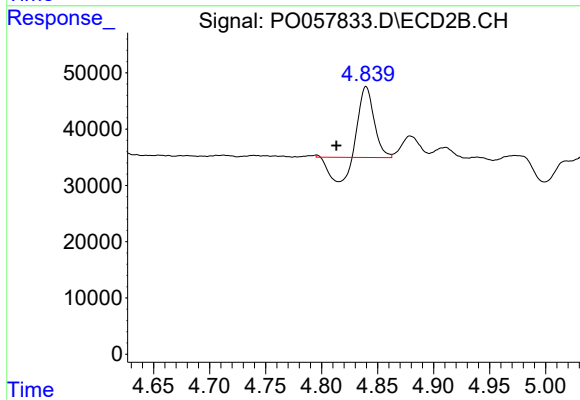
R.T.: 8.454 min  
Delta R.T.: -0.023 min  
Response: 613607  
Conc: 16.40 ng/ml



#5 AR-1016-3

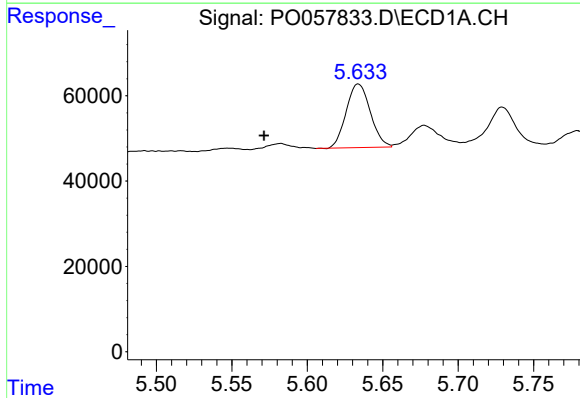
R.T.: 0.000 min  
Exp R.T.: 5.472 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



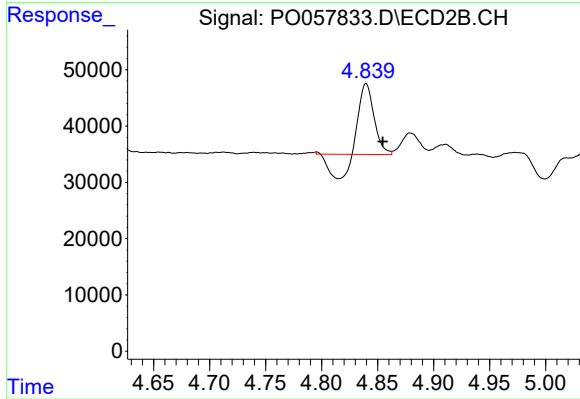
#5 AR-1016-3

R.T.: 4.840 min  
Delta R.T.: 0.027 min  
Response: 72620  
Conc: 68.59 ng/ml



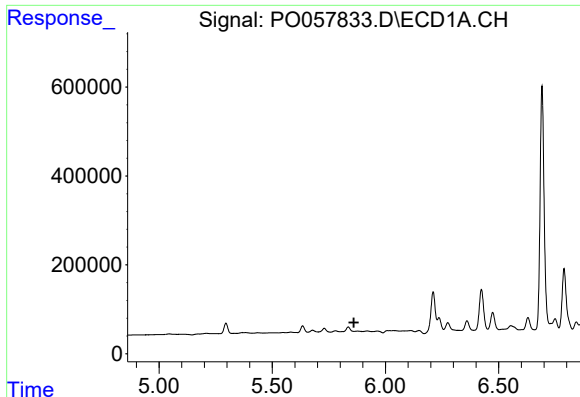
#6 AR-1016-4

R.T.: 5.634 min  
Delta R.T.: 0.063 min  
Response: 166509  
Conc: 128.40 ng/ml



#6 AR-1016-4

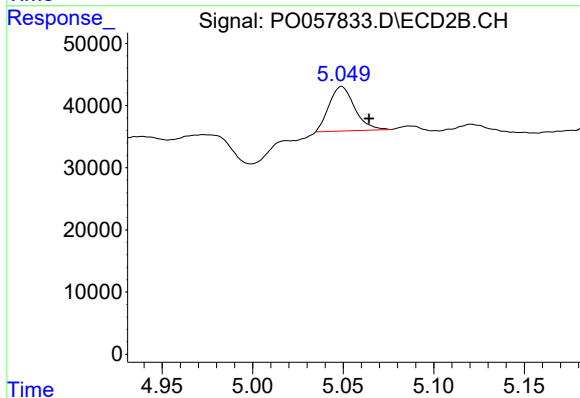
R.T.: 4.840 min  
Delta R.T.: -0.015 min  
Response: 72620  
Conc: 81.62 ng/ml



#7 AR-1016-5

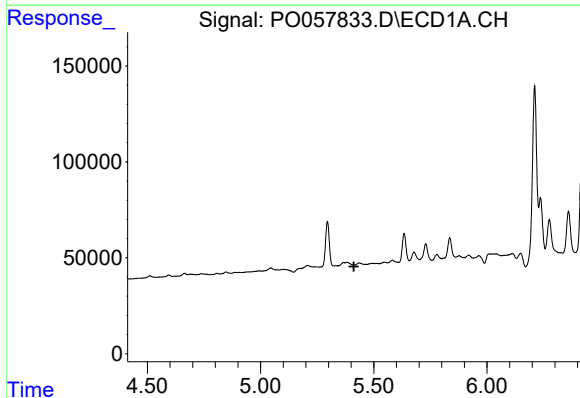
R.T.: 0.000 min  
Exp R.T.: 5.861 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



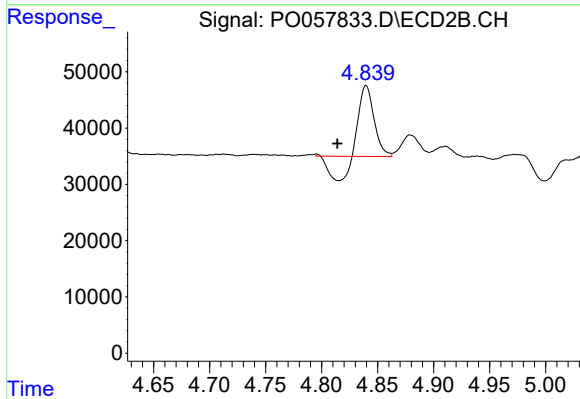
#7 AR-1016-5

R.T.: 5.049 min  
Delta R.T.: -0.015 min  
Response: 70129  
Conc: 61.39 ng/ml



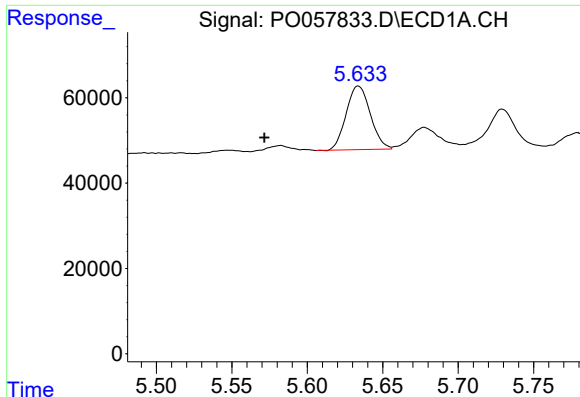
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.412 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

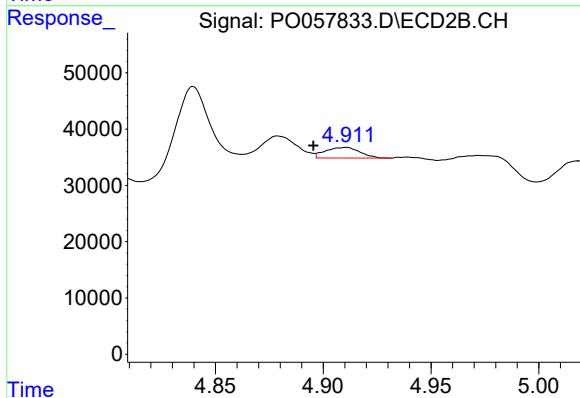
R.T.: 4.840 min  
Delta R.T.: 0.026 min  
Response: 72620  
Conc: 168.13 ng/ml



#14 AR-1232-4

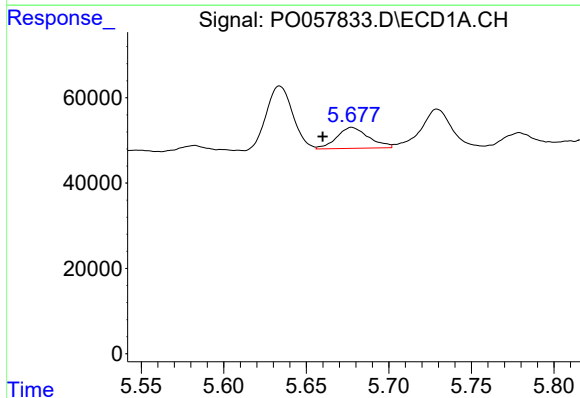
R.T.: 5.634 min  
Delta R.T.: 0.062 min  
Response: 166509  
Conc: 313.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



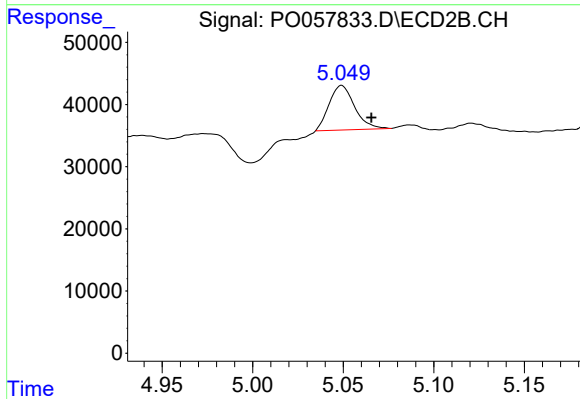
#14 AR-1232-4

R.T.: 4.911 min  
Delta R.T.: 0.015 min  
Response: 20974  
Conc: 55.17 ng/ml



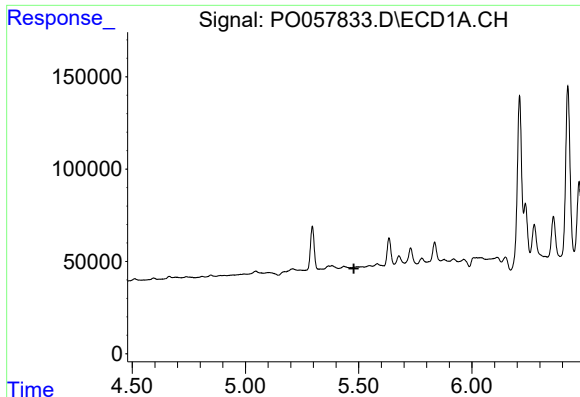
#15 AR-1232-5

R.T.: 5.678 min  
Delta R.T.: 0.018 min  
Response: 66708  
Conc: 161.54 ng/ml



#15 AR-1232-5

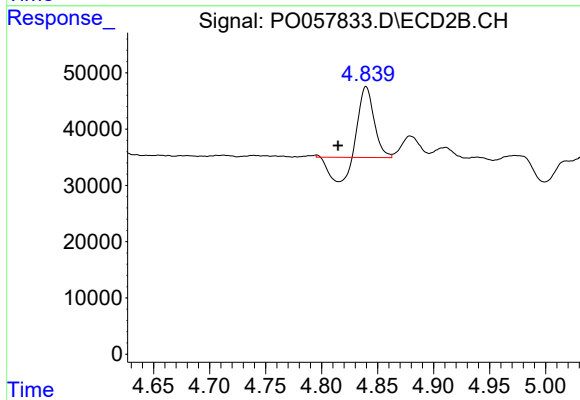
R.T.: 5.049 min  
Delta R.T.: -0.016 min  
Response: 70129  
Conc: 164.72 ng/ml



#18 AR-1242-3

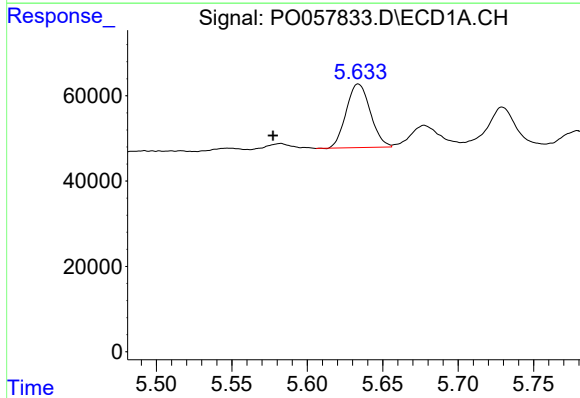
R.T.: 0.000 min  
Exp R.T.: 5.479 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



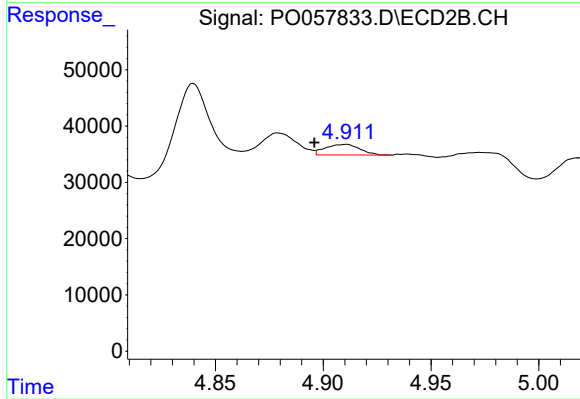
#18 AR-1242-3

R.T.: 4.840 min  
Delta R.T.: 0.025 min  
Response: 72620  
Conc: 85.65 ng/ml



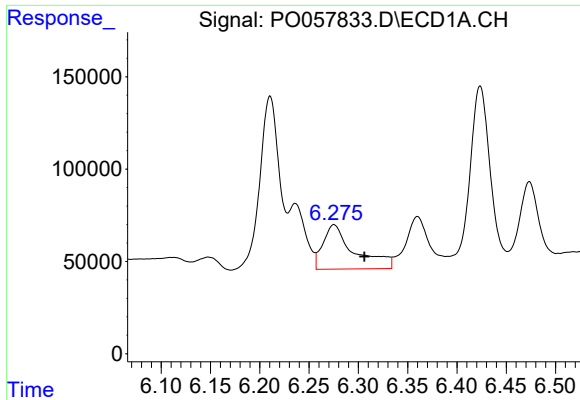
#19 AR-1242-4

R.T.: 5.634 min  
Delta R.T.: 0.057 min  
Response: 166509  
Conc: 153.48 ng/ml



#19 AR-1242-4

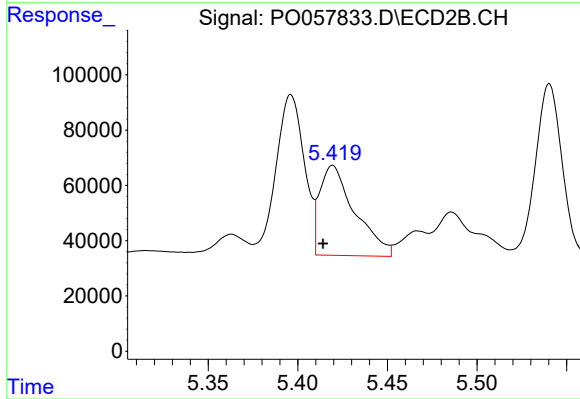
R.T.: 4.911 min  
Delta R.T.: 0.015 min  
Response: 20974  
Conc: 25.13 ng/ml



#20 AR-1242-5

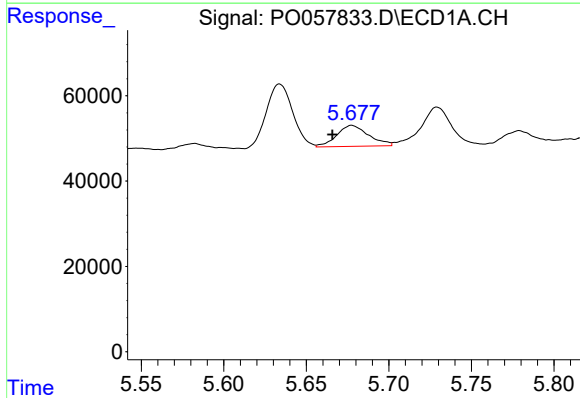
R.T.: 6.275 min  
Delta R.T.: -0.031 min  
Response: 528516  
Conc: 407.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



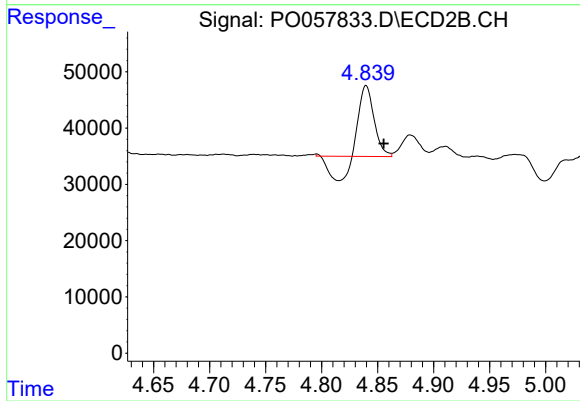
#20 AR-1242-5

R.T.: 5.420 min  
Delta R.T.: 0.006 min  
Response: 443963  
Conc: 443.32 ng/ml



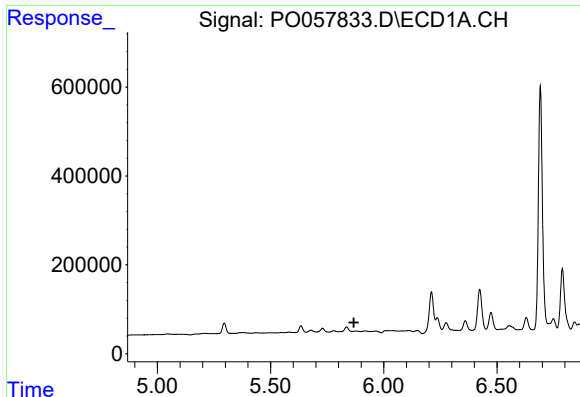
#22 AR-1248-2

R.T.: 5.678 min  
Delta R.T.: 0.012 min  
Response: 66708  
Conc: 38.43 ng/ml



#22 AR-1248-2

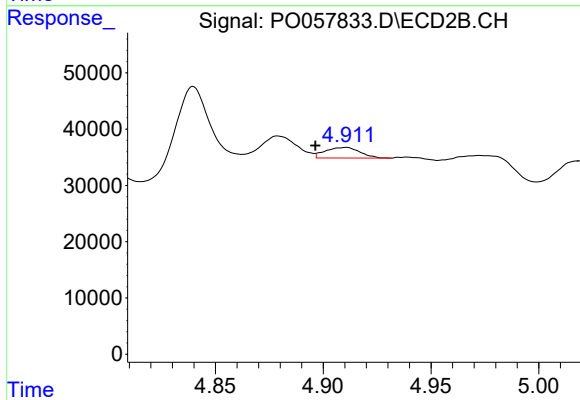
R.T.: 4.840 min  
Delta R.T.: -0.016 min  
Response: 72620  
Conc: 56.50 ng/ml



#23 AR-1248-3

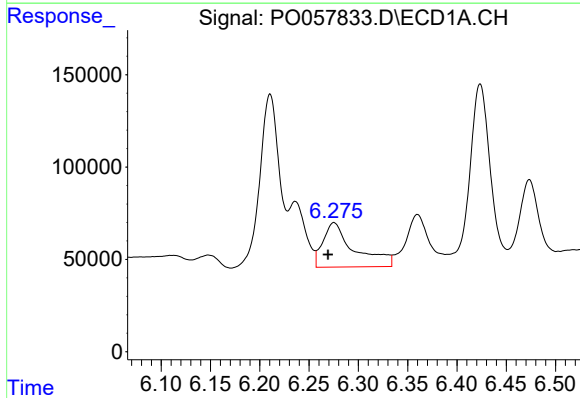
R.T.: 0.000 min  
Exp R.T.: 5.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



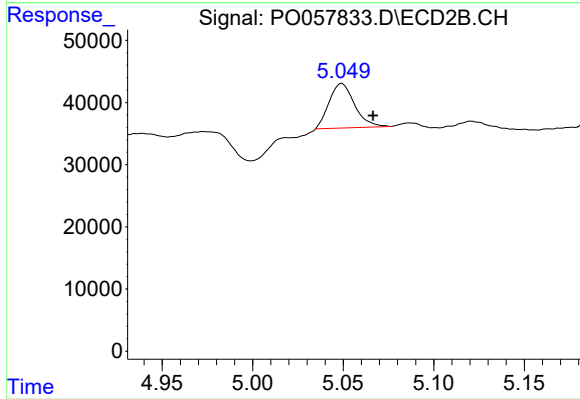
#23 AR-1248-3

R.T.: 4.911 min  
Delta R.T.: 0.014 min  
Response: 20974  
Conc: 15.89 ng/ml



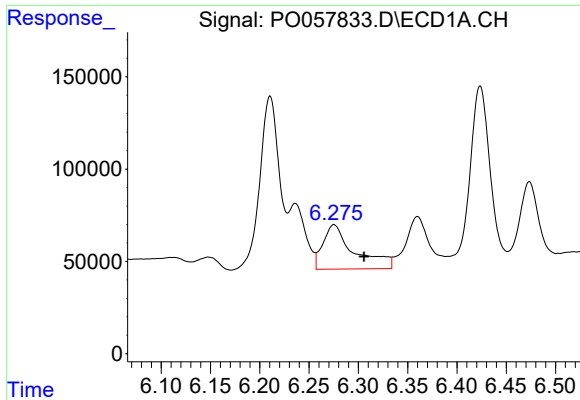
#24 AR-1248-4

R.T.: 6.275 min  
Delta R.T.: 0.006 min  
Response: 528516  
Conc: 225.49 ng/ml



#24 AR-1248-4

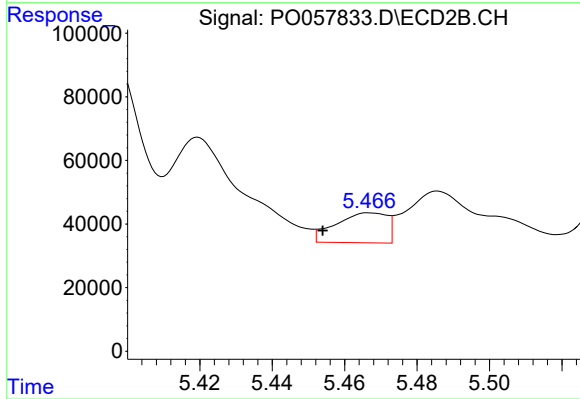
R.T.: 5.049 min  
Delta R.T.: -0.017 min  
Response: 70129  
Conc: 43.33 ng/ml



#25 AR-1248-5

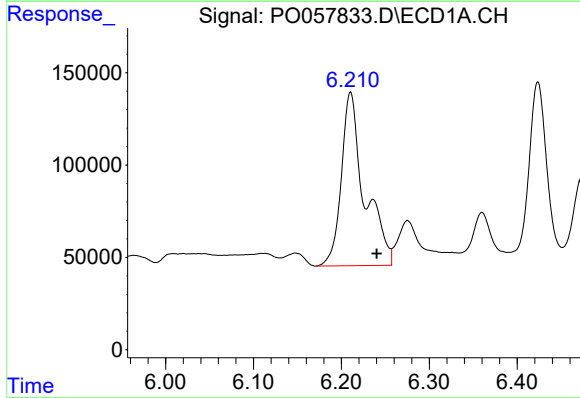
R.T.: 6.275 min  
Delta R.T.: -0.030 min  
Response: 528516  
Conc: 235.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



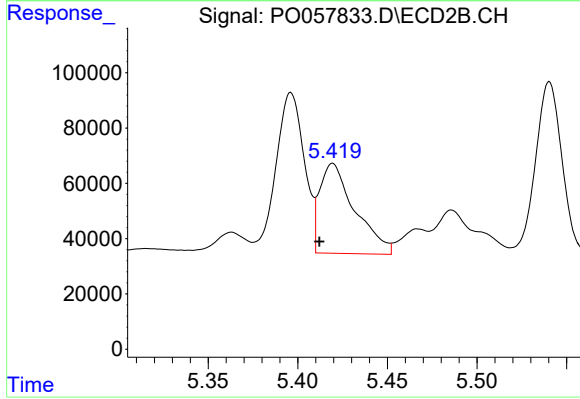
#25 AR-1248-5

R.T.: 5.467 min  
Delta R.T.: 0.013 min  
Response: 92492  
Conc: 59.80 ng/ml



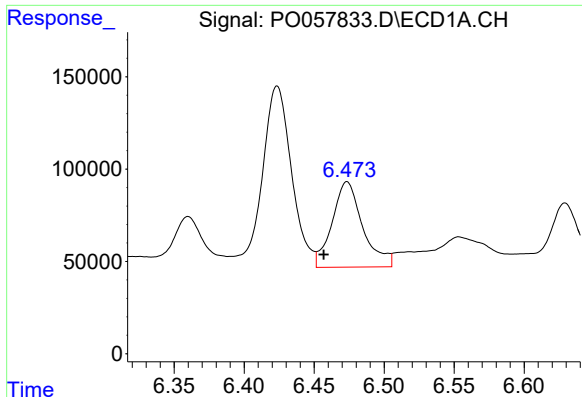
#26 AR-1254-1

R.T.: 6.210 min  
Delta R.T.: -0.030 min  
Response: 1716291  
Conc: 881.16 ng/ml



#26 AR-1254-1

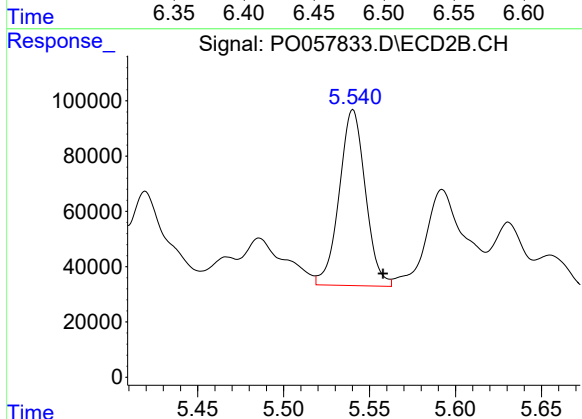
R.T.: 5.420 min  
Delta R.T.: 0.008 min  
Response: 443963  
Conc: 208.76 ng/ml



#27 AR-1254-2

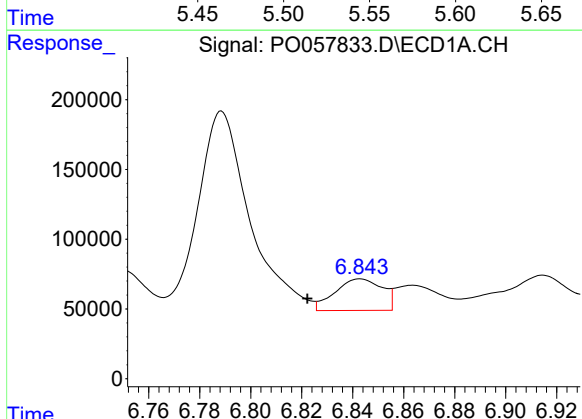
R.T.: 6.473 min  
Delta R.T.: 0.017 min  
Response: 705246  
Conc: 226.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



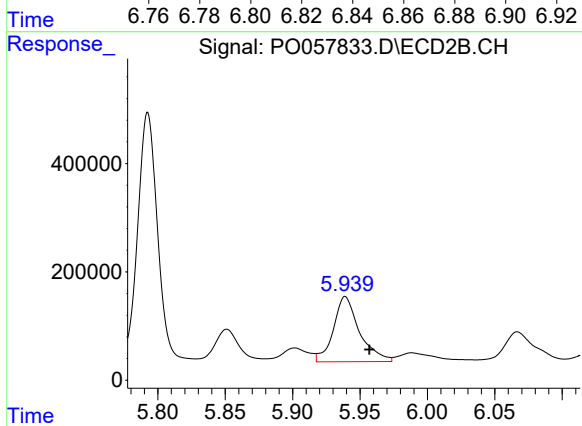
#27 AR-1254-2

R.T.: 5.540 min  
Delta R.T.: -0.018 min  
Response: 674974  
Conc: 362.64 ng/ml



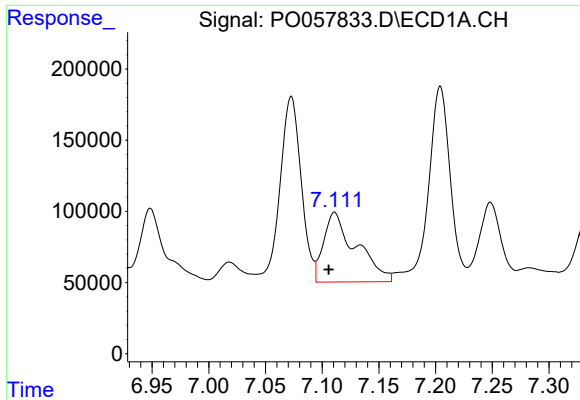
#28 AR-1254-3

R.T.: 6.843 min  
Delta R.T.: 0.021 min  
Response: 291234  
Conc: 88.09 ng/ml



#28 AR-1254-3

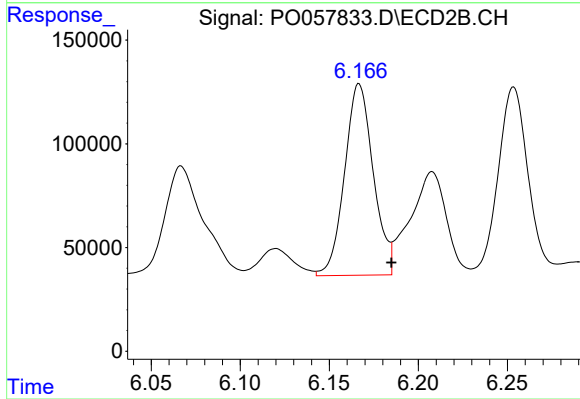
R.T.: 5.939 min  
Delta R.T.: -0.018 min  
Response: 1621491  
Conc: 538.48 ng/ml



#29 AR-1254-4

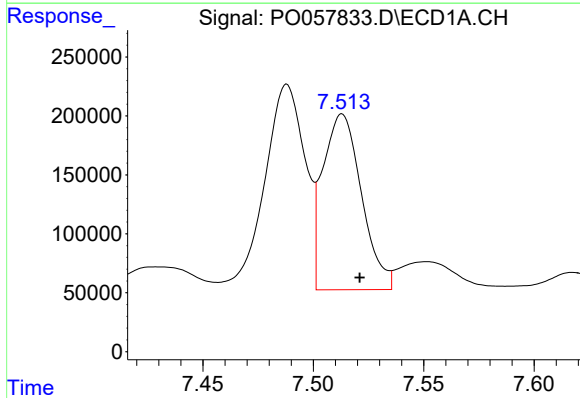
R.T.: 7.111 min  
Delta R.T.: 0.005 min  
Response: 972569  
Conc: 358.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



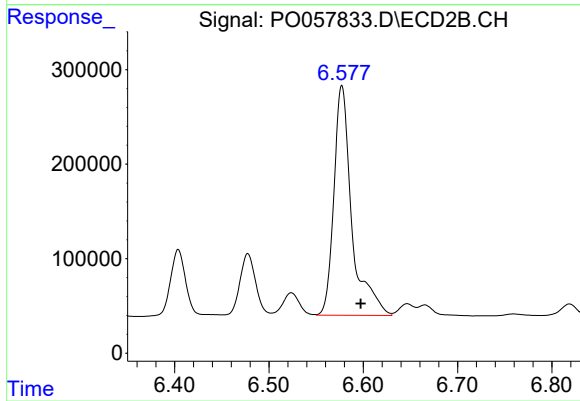
#29 AR-1254-4

R.T.: 6.167 min  
Delta R.T.: -0.018 min  
Response: 1034155  
Conc: 574.51 ng/ml



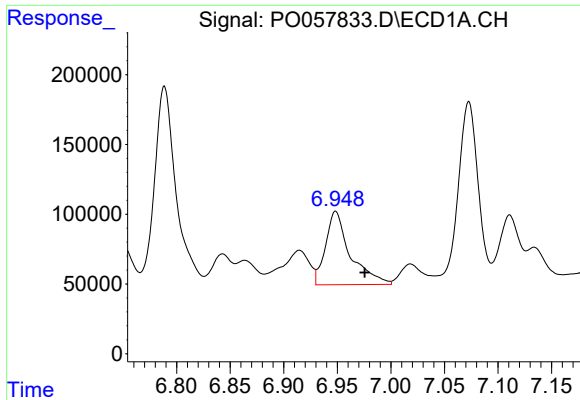
#30 AR-1254-5

R.T.: 7.513 min  
Delta R.T.: -0.008 min  
Response: 1813832  
Conc: 648.75 ng/ml



#30 AR-1254-5

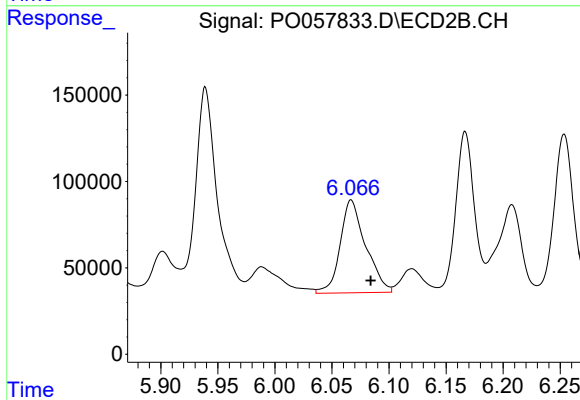
R.T.: 6.577 min  
Delta R.T.: -0.020 min  
Response: 3216625  
Conc: 1187.34 ng/ml



#31 AR-1260-1

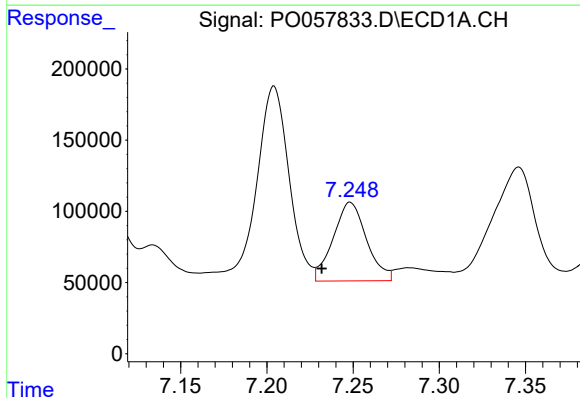
R.T.: 6.949 min  
Delta R.T.: -0.027 min  
Response: 844142  
Conc: 304.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



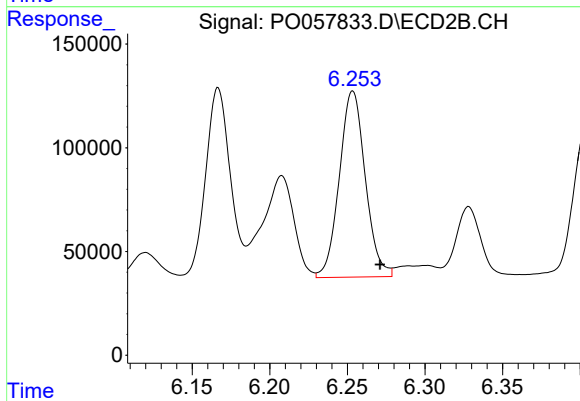
#31 AR-1260-1

R.T.: 6.067 min  
Delta R.T.: -0.017 min  
Response: 836218  
Conc: 390.70 ng/ml



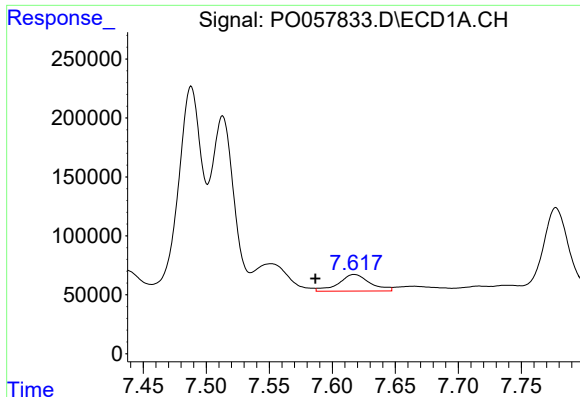
#32 AR-1260-2

R.T.: 7.248 min  
Delta R.T.: 0.017 min  
Response: 744976  
Conc: 202.08 ng/ml



#32 AR-1260-2

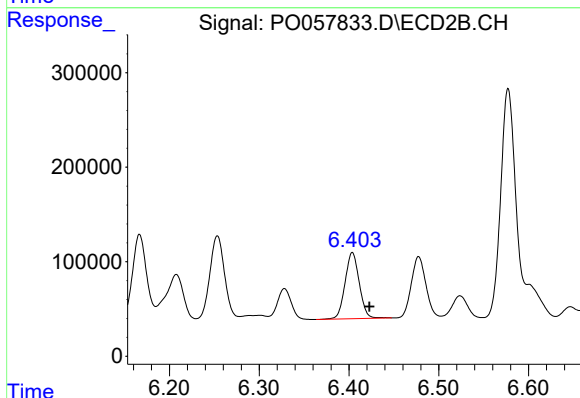
R.T.: 6.254 min  
Delta R.T.: -0.018 min  
Response: 1045497  
Conc: 381.06 ng/ml



#33 AR-1260-3

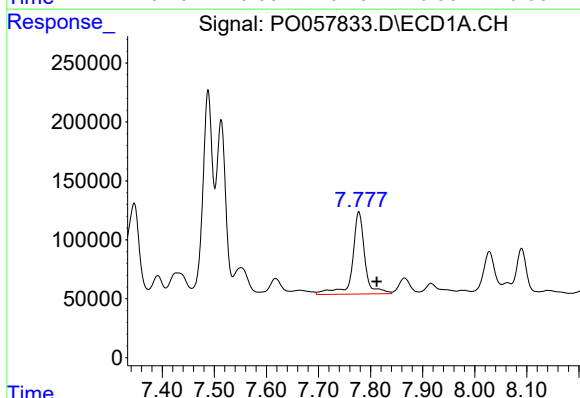
R.T.: 7.618 min  
Delta R.T.: 0.031 min  
Response: 246028  
Conc: 80.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



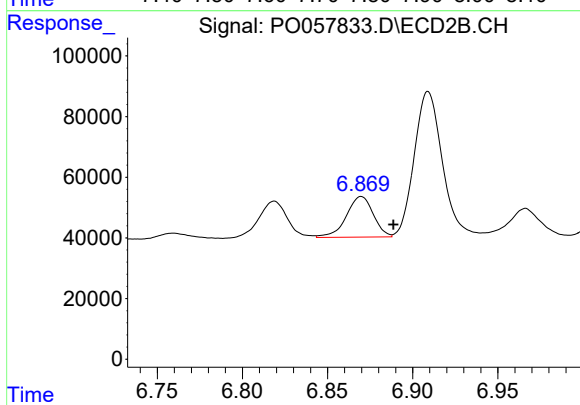
#33 AR-1260-3

R.T.: 6.404 min  
Delta R.T.: -0.019 min  
Response: 768652  
Conc: 314.83 ng/ml



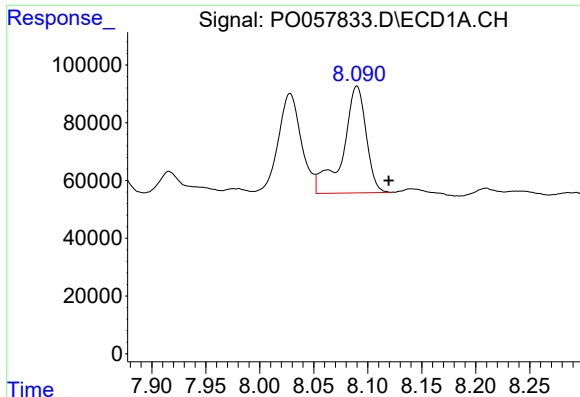
#34 AR-1260-4

R.T.: 7.778 min  
Delta R.T.: -0.034 min  
Response: 1152978  
Conc: 380.18 ng/ml



#34 AR-1260-4

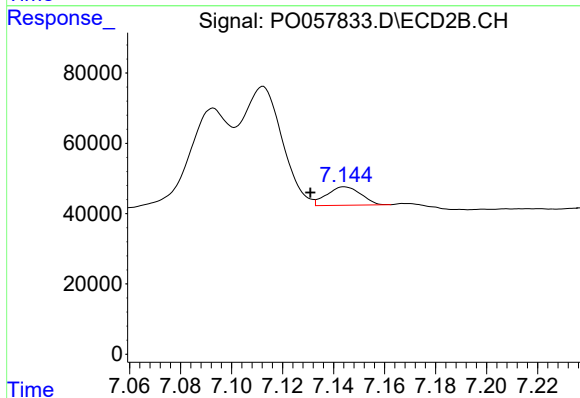
R.T.: 6.870 min  
Delta R.T.: -0.019 min  
Response: 148113  
Conc: 71.14 ng/ml



#35 AR-1260-5

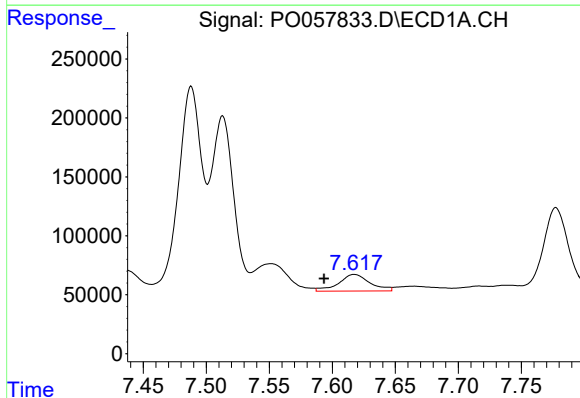
R.T.: 8.090 min  
Delta R.T.: -0.030 min  
Response: 552854  
Conc: 88.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



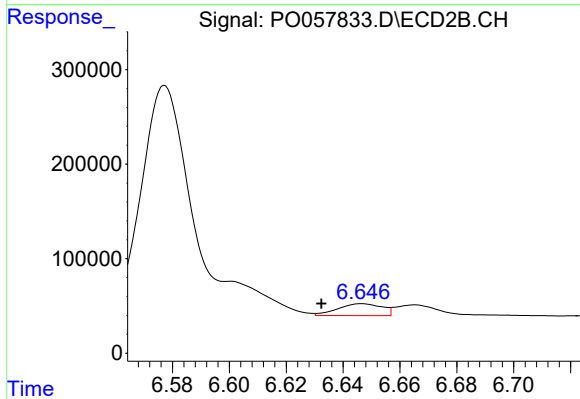
#35 AR-1260-5

R.T.: 7.144 min  
Delta R.T.: 0.013 min  
Response: 48607  
Conc: 9.58 ng/ml



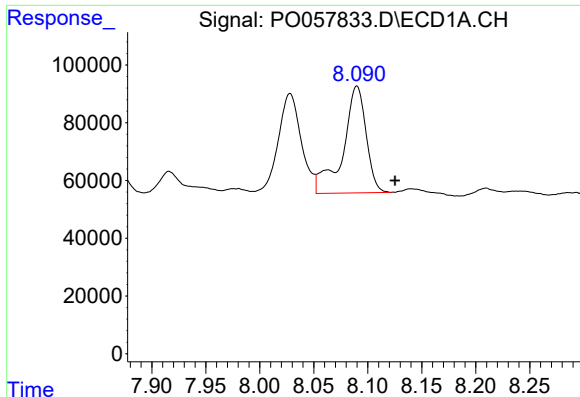
#36 AR-1262-1

R.T.: 7.618 min  
Delta R.T.: 0.024 min  
Response: 246028  
Conc: 54.13 ng/ml



#36 AR-1262-1

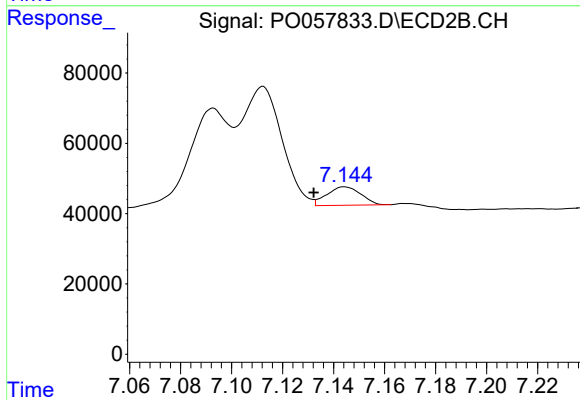
R.T.: 6.647 min  
Delta R.T.: 0.014 min  
Response: 136378  
Conc: 36.43 ng/ml



#37 AR-1262-2

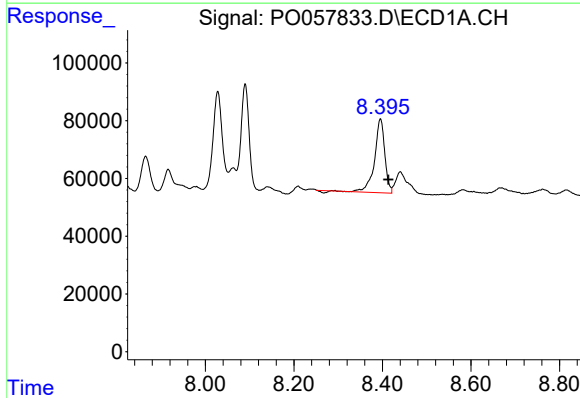
R.T.: 8.090 min  
Delta R.T.: -0.035 min  
Response: 552854  
Conc: 77.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



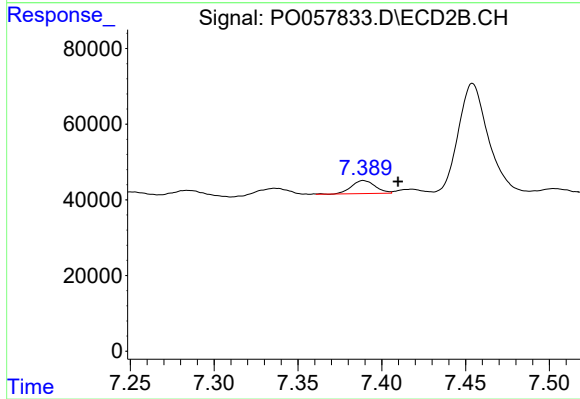
#37 AR-1262-2

R.T.: 7.144 min  
Delta R.T.: 0.012 min  
Response: 48607  
Conc: 8.18 ng/ml



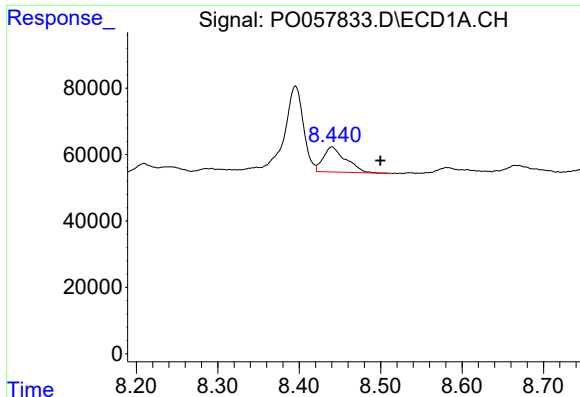
#38 AR-1262-3

R.T.: 8.395 min  
Delta R.T.: -0.018 min  
Response: 405532  
Conc: 82.59 ng/ml



#38 AR-1262-3

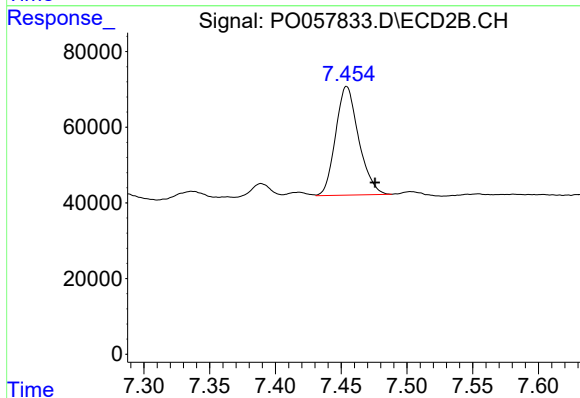
R.T.: 7.389 min  
Delta R.T.: -0.020 min  
Response: 34528  
Conc: 13.50 ng/ml



#39 AR-1262-4

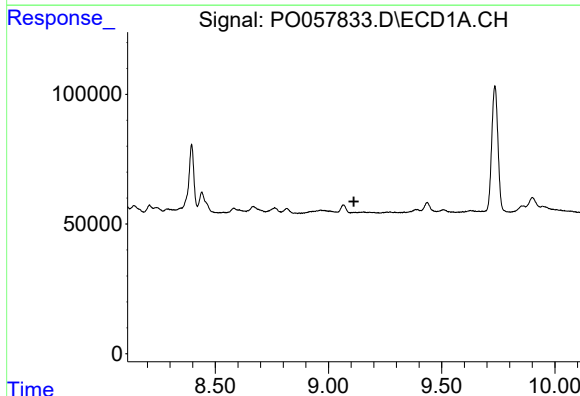
R.T.: 8.440 min  
Delta R.T.: -0.059 min  
Response: 144956  
Conc: 35.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



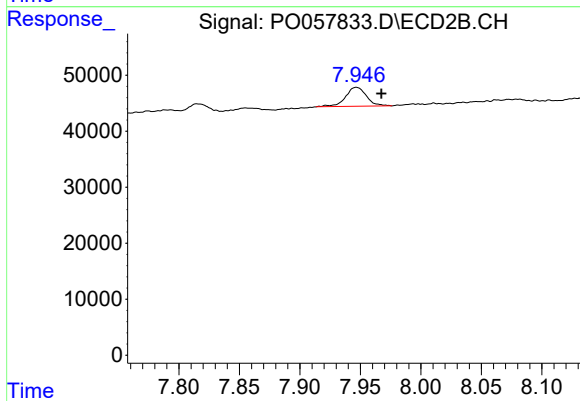
#39 AR-1262-4

R.T.: 7.454 min  
Delta R.T.: -0.021 min  
Response: 350897  
Conc: 79.62 ng/ml



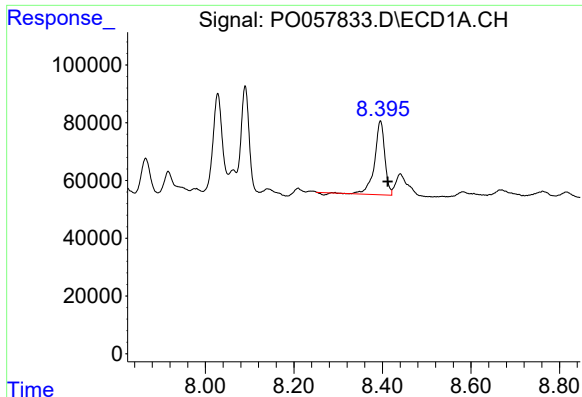
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.112 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

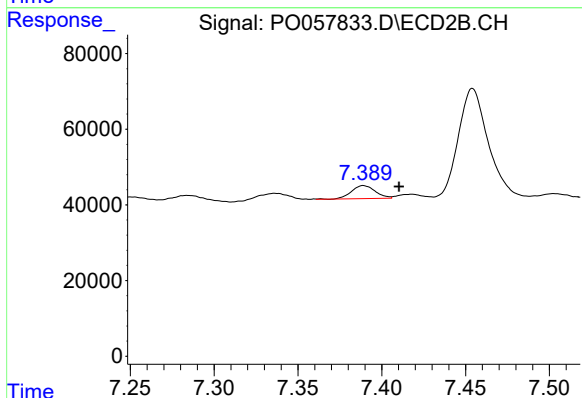
R.T.: 7.947 min  
Delta R.T.: -0.021 min  
Response: 40107  
Conc: 21.96 ng/ml



#41 AR-1268-1

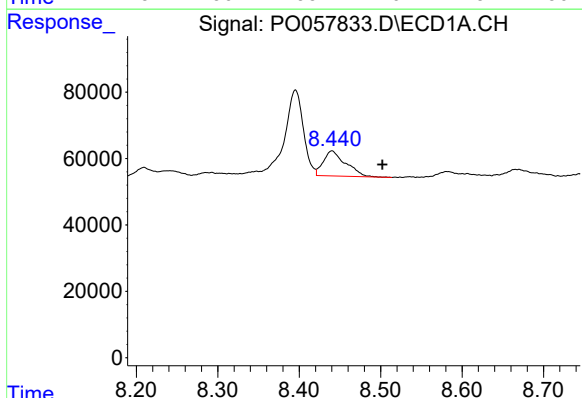
R.T.: 8.395 min  
Delta R.T.: -0.017 min  
Response: 405532  
Conc: 48.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



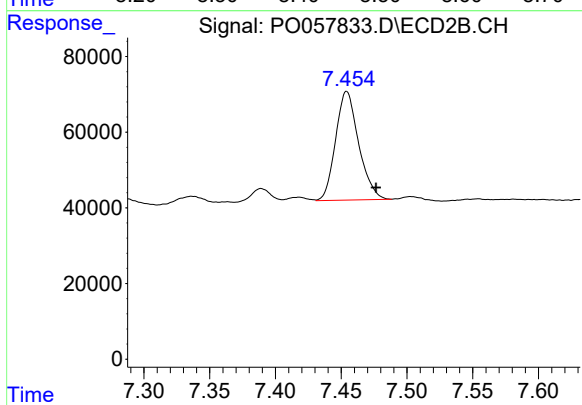
#41 AR-1268-1

R.T.: 7.389 min  
Delta R.T.: -0.021 min  
Response: 34528  
Conc: 5.04 ng/ml



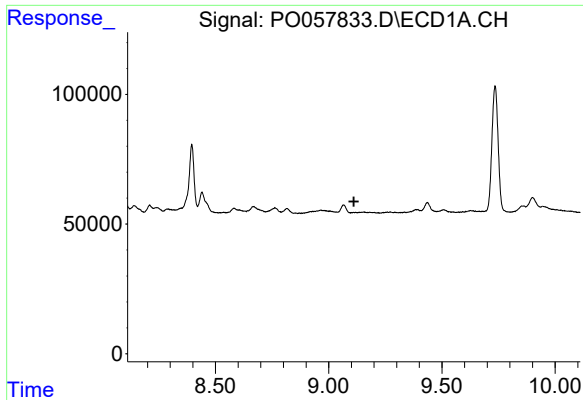
#42 AR-1268-2

R.T.: 8.440 min  
Delta R.T.: -0.062 min  
Response: 144956  
Conc: 18.15 ng/ml



#42 AR-1268-2

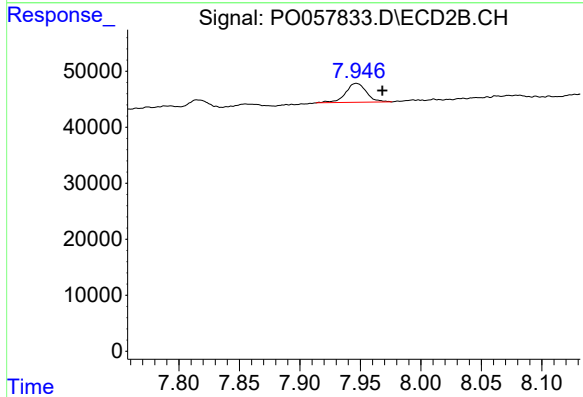
R.T.: 7.454 min  
Delta R.T.: -0.022 min  
Response: 350897  
Conc: 55.28 ng/ml



#44 AR-1268-4

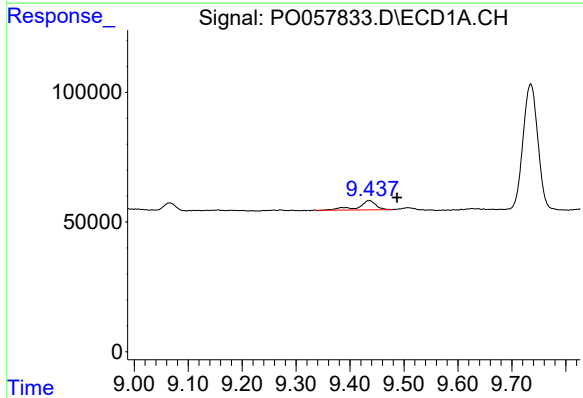
R.T.: 0.000 min  
Exp R.T.: 9.111 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S9-03-B



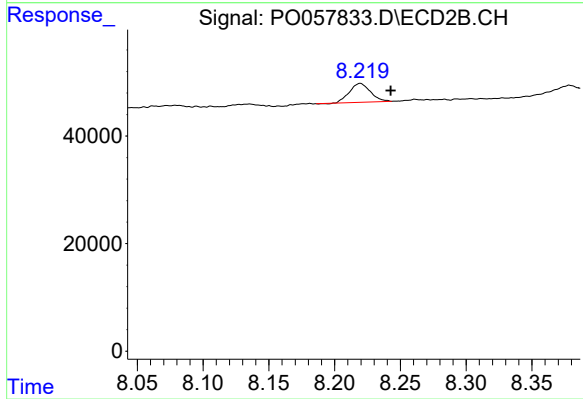
#44 AR-1268-4

R.T.: 7.947 min  
Delta R.T.: -0.022 min  
Response: 40107  
Conc: 20.02 ng/ml



#45 AR-1268-5

R.T.: 9.436 min  
Delta R.T.: -0.051 min  
Response: 83246  
Conc: 4.21 ng/ml



#45 AR-1268-5

R.T.: 8.219 min  
Delta R.T.: -0.023 min  
Response: 38909  
Conc: 2.53 ng/ml