

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102120\  
 Data File : PO072638.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Oct 2020 22:56  
 Operator : DD\AJ  
 Sample : L4221-10  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 08:12:35 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 14 17:47:24 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... | 4.318  | 3.502 | 1798845 | 1031250 | 21.208  | 24.482    |
| 2)                          | SA Decachlor... | 9.920  | 8.667 | 1999078 | 995801  | 18.123  | 19.263    |
| Target Compounds            |                 |        |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 5.638  | 0.000 | 138099  | 0       | 41.899  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.638  | 0.000 | 138099  | 0       | 29.550  | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.700  | 0.000 | 33283   | 0       | 12.488  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.838 | 0       | 39109   | N.D.    | 102.158 # |
| 10)                         | L2 AR-1221-3    | 4.752  | 0.000 | 62871   | 0       | 30.390  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.752  | 0.000 | 62871   | 0       | 35.818  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.638  | 0.000 | 138099  | 0       | 70.480  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.911  | 0.000 | 88579   | 0       | 147.722 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.638  | 0.000 | 138099  | 0       | 56.705  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.638  | 0.000 | 138099  | 0       | 39.234  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.700  | 0.000 | 33283   | 0       | 16.089  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.765f | 0.000 | 65910   | 0       | 38.016  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.596  | 5.572 | 165600  | 70953   | 71.037  | 51.680 #  |
| 21)                         | L5 AR-1248-1    | 5.638  | 0.000 | 138099  | 0       | 73.871  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.911  | 0.000 | 88579   | 0       | 35.404  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.544  | 0.000 | 87344   | 0       | 19.751  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.596  | 0.000 | 165600  | 0       | 42.125  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.509  | 5.572 | 78862   | 70953   | 18.668  | 25.669 #  |
| 27)                         | L6 AR-1254-2    | 6.741  | 5.733 | 129637  | 32484   | 20.003  | 13.361 #  |
| 28)                         | L6 AR-1254-3    | 7.116  | 6.140 | 229644  | 28436   | 33.787  | 7.390 #   |
| 29)                         | L6 AR-1254-4    | 7.409  | 6.381 | 130962  | 42454   | 19.758  | 15.810    |
| 30)                         | L6 AR-1254-5    | 7.828  | 6.802 | 147710  | 98559   | 23.059  | 26.894    |
| 31)                         | L7 AR-1260-1    | 7.274  | 6.276 | 101894  | 63098   | 20.909  | 24.665    |
| 32)                         | L7 AR-1260-2    | 7.551  | 6.492 | 348344  | 75611   | 45.400  | 23.449 #  |
| 34)                         | L7 AR-1260-4    | 8.122  | 0.000 | 101693  | 0       | 16.709  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.441  | 0.000 | 161874  | 0       | 11.143  | N.D. #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.802 | 0       | 98559   | N.D.    | 51.653 #  |
| 37)                         | L8 AR-1262-2    | 8.441  | 0.000 | 161874  | 0       | 10.128  | N.D. #    |
| 38)                         | L8 AR-1262-3    | 8.732f | 0.000 | 51842   | 0       | 7.419   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 8.780  | 0.000 | 128103  | 0       | 32.055  | N.D. #    |
| 40)                         | L8 AR-1262-5    | 9.321f | 0.000 | 8381    | 0       | 1.575   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.732f | 0.000 | 51842   | 0       | 2.693   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.780  | 0.000 | 128103  | 0       | 7.759   | N.D. #    |
| 44)                         | L9 AR-1268-4    | 9.321f | 0.000 | 8381    | 0       | 1.405   | N.D. #    |
| -----                       |                 |        |       |         |         |         |           |

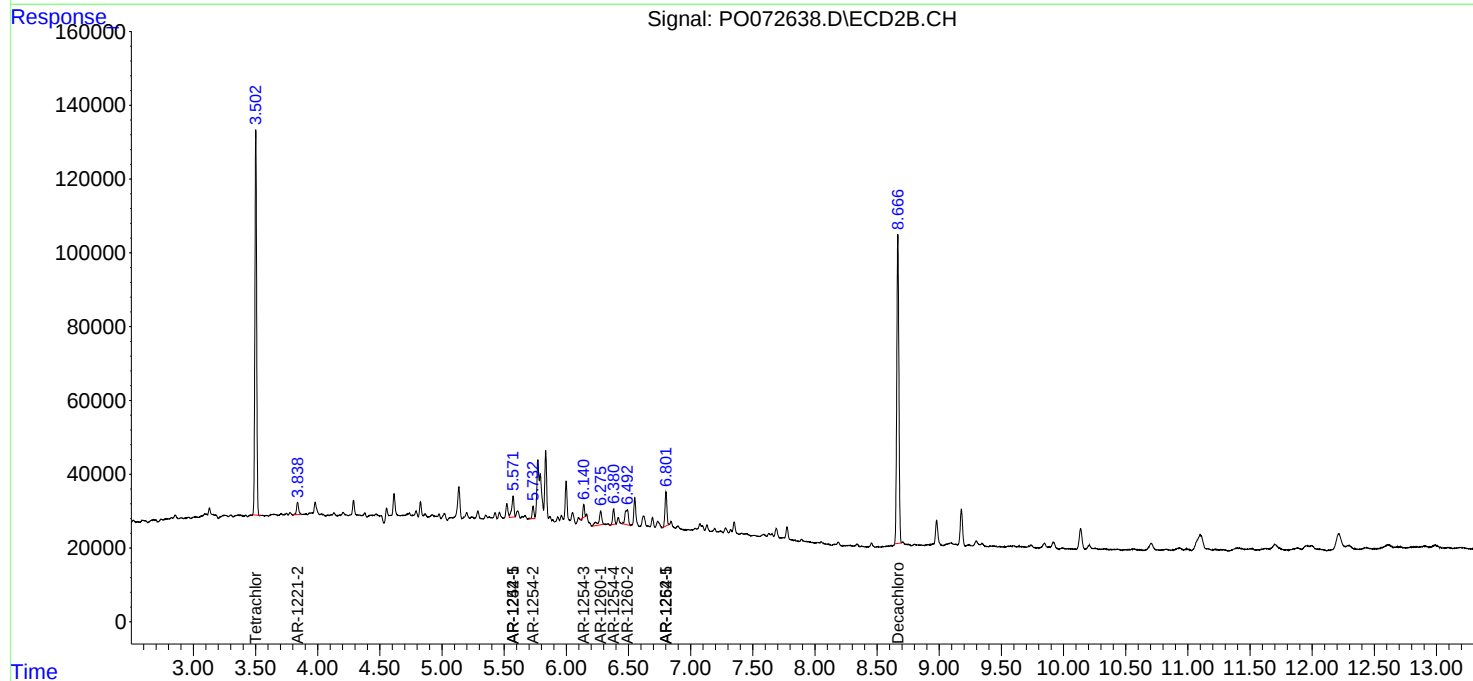
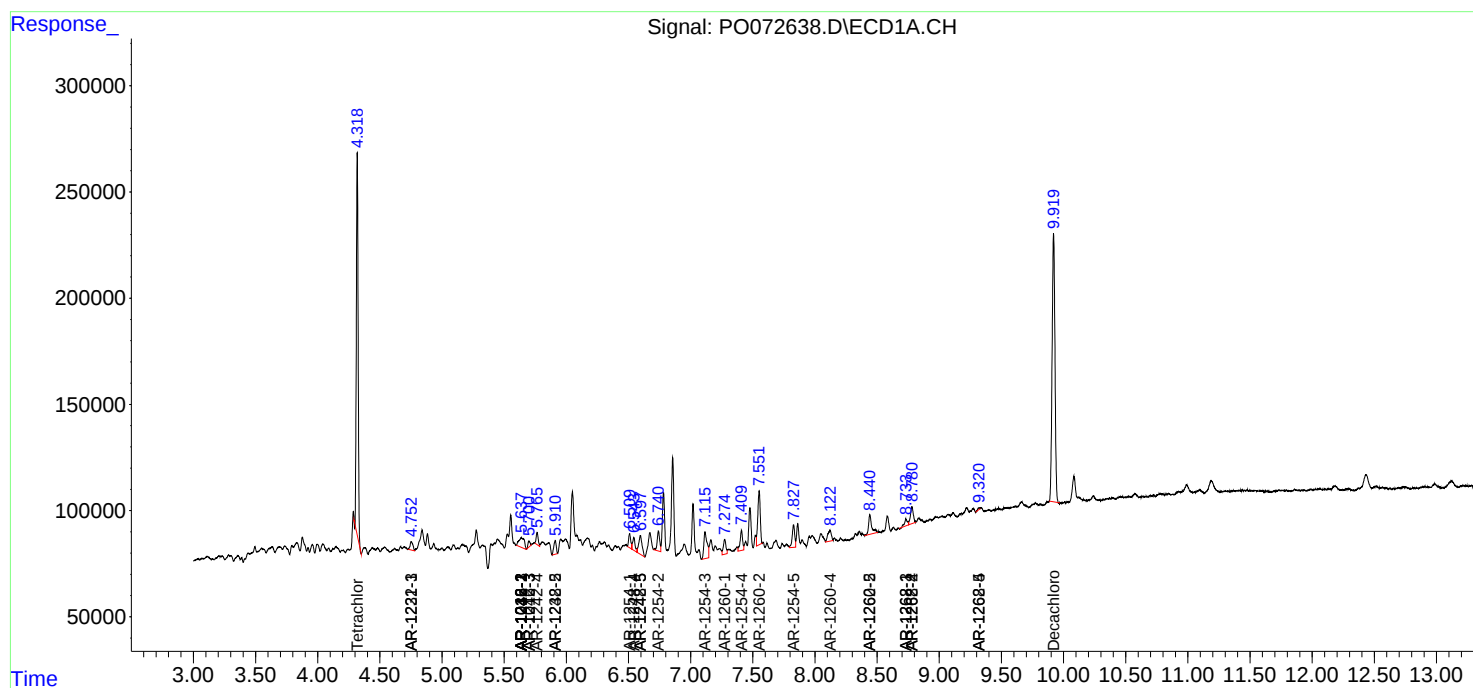
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

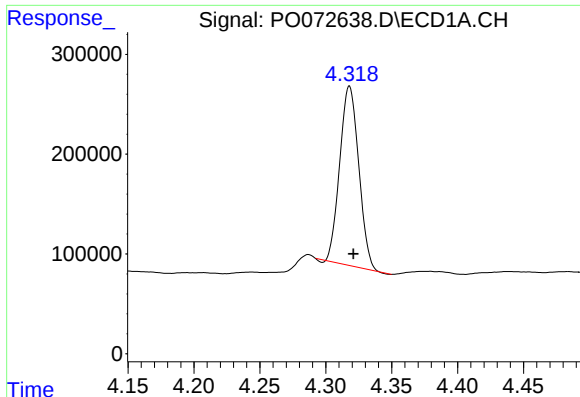
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102120\  
Data File : PO072638.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Oct 2020 22:56  
Operator : DD\AJ  
Sample : L4221-10  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 08:12:35 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 14 17:47:24 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

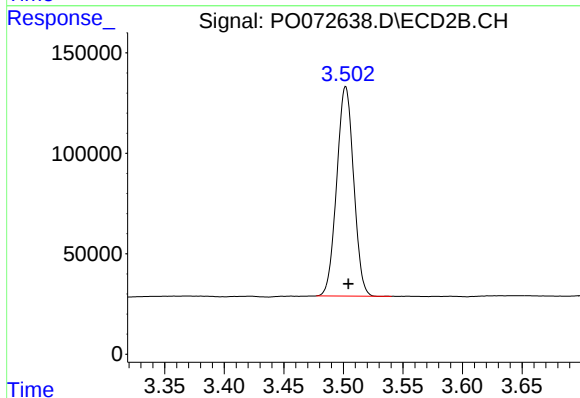




#1 Tetrachloro-m-xylene

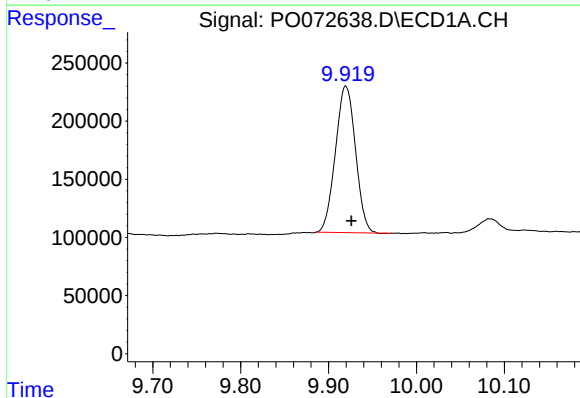
R.T.: 4.318 min  
Delta R.T.: -0.003 min  
Response: 1798845  
Conc: 21.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



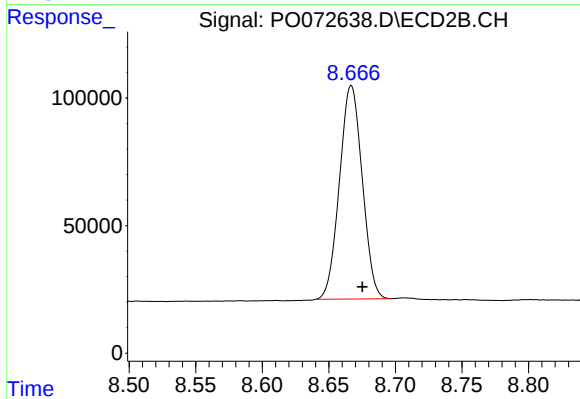
#1 Tetrachloro-m-xylene

R.T.: 3.502 min  
Delta R.T.: -0.002 min  
Response: 1031250  
Conc: 24.48 ng/ml



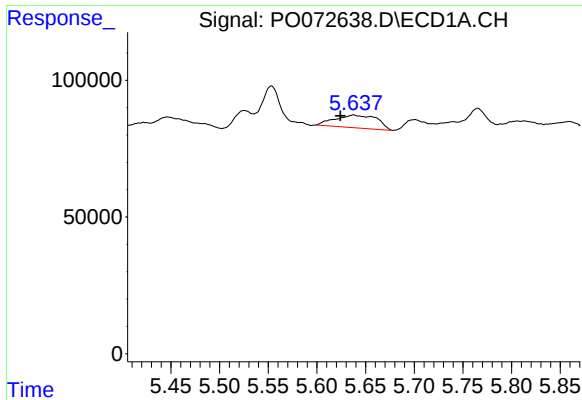
#2 Decachlorobiphenyl

R.T.: 9.920 min  
Delta R.T.: -0.006 min  
Response: 1999078  
Conc: 18.12 ng/ml



#2 Decachlorobiphenyl

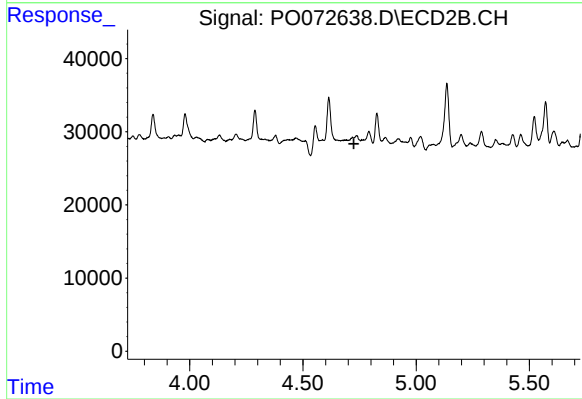
R.T.: 8.667 min  
Delta R.T.: -0.008 min  
Response: 995801  
Conc: 19.26 ng/ml



#3 AR-1016-1

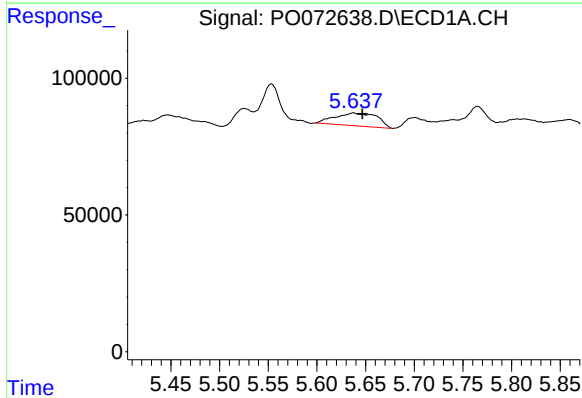
R.T.: 5.638 min  
Delta R.T.: 0.014 min  
Response: 138099  
Conc: 41.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



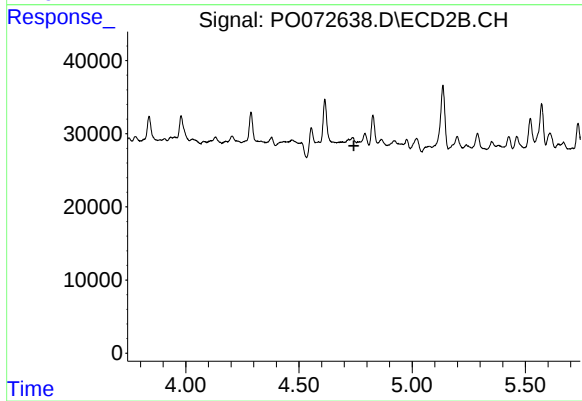
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.725 min  
Response: 0  
Conc: N.D.



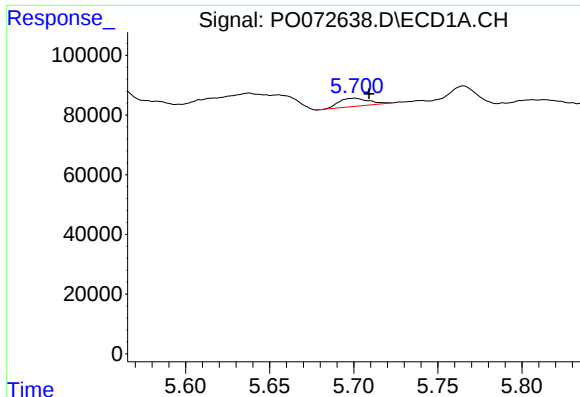
#4 AR-1016-2

R.T.: 5.638 min  
Delta R.T.: -0.009 min  
Response: 138099  
Conc: 29.55 ng/ml



#4 AR-1016-2

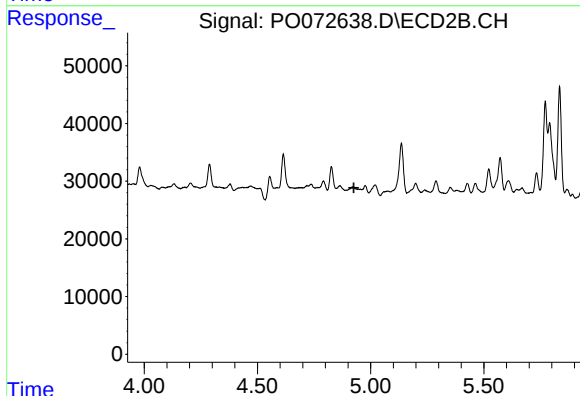
R.T.: 0.000 min  
Exp R.T. : 4.742 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

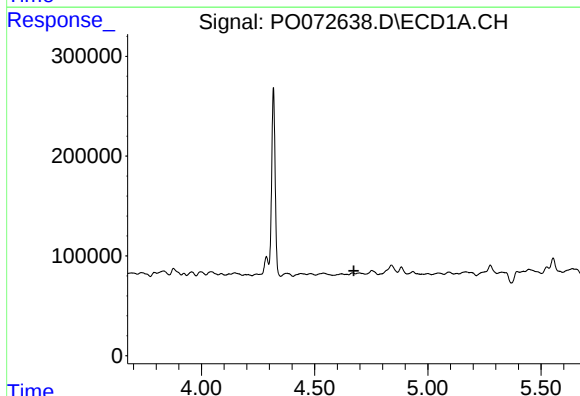
R.T.: 5.700 min  
Delta R.T.: -0.009 min  
Response: 33283  
Conc: 12.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



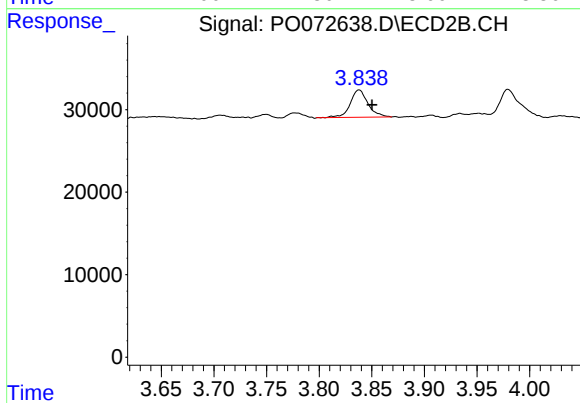
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.926 min  
Response: 0  
Conc: N.D.



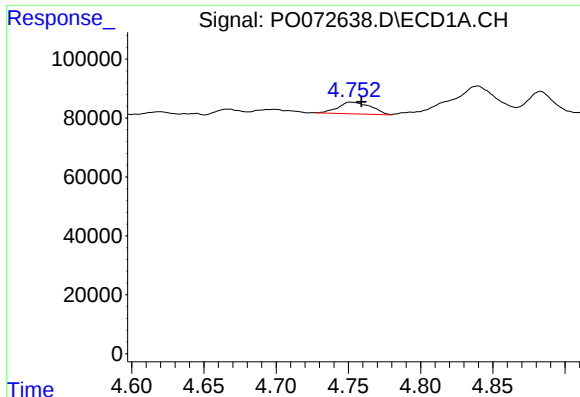
#9 AR-1221-2

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



#9 AR-1221-2

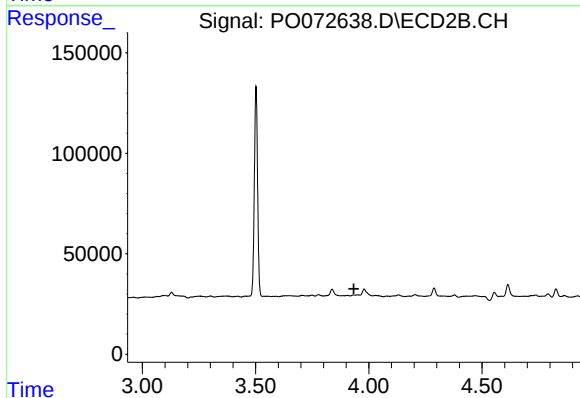
R.T.: 3.838 min  
Delta R.T.: -0.012 min  
Response: 39109  
Conc: 102.16 ng/ml



#10 AR-1221-3

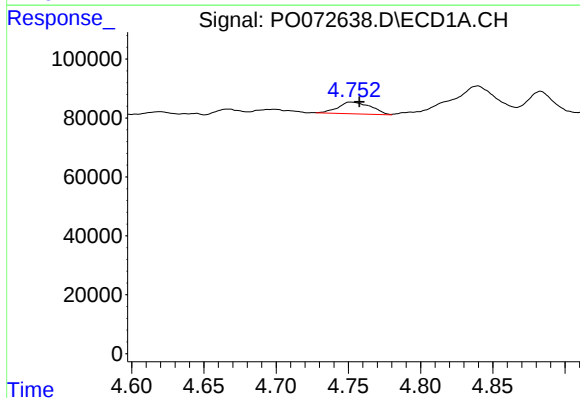
R.T.: 4.752 min  
Delta R.T.: -0.007 min  
Response: 62871  
Conc: 30.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



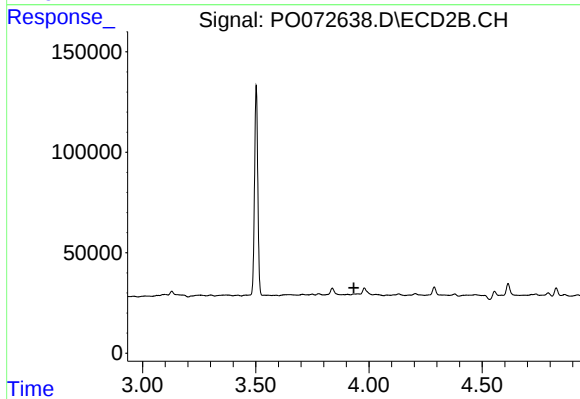
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



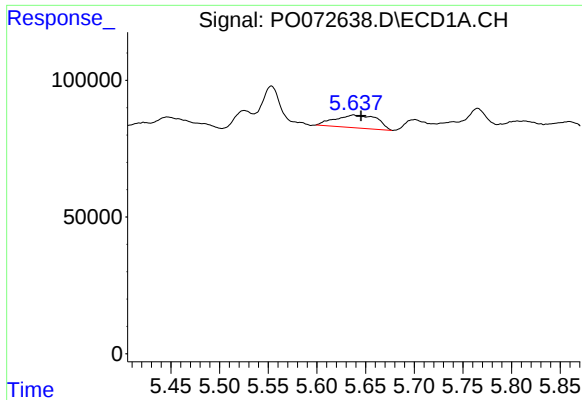
#11 AR-1232-1

R.T.: 4.752 min  
Delta R.T.: -0.006 min  
Response: 62871  
Conc: 35.82 ng/ml



#11 AR-1232-1

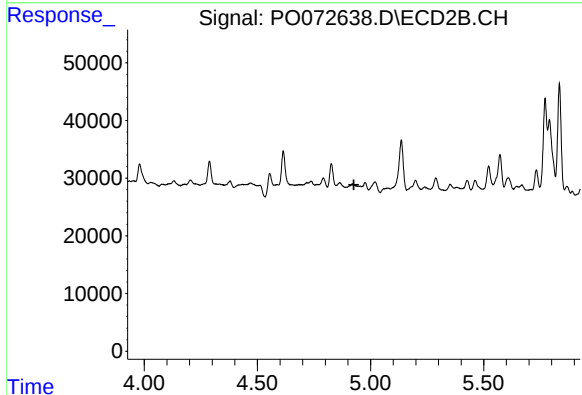
R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

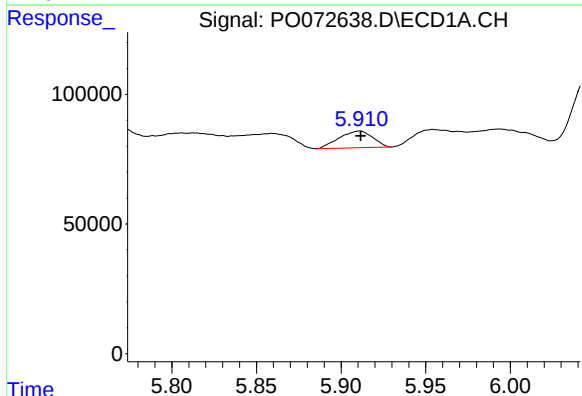
R.T.: 5.638 min  
Delta R.T.: -0.008 min  
Response: 138099  
Conc: 70.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



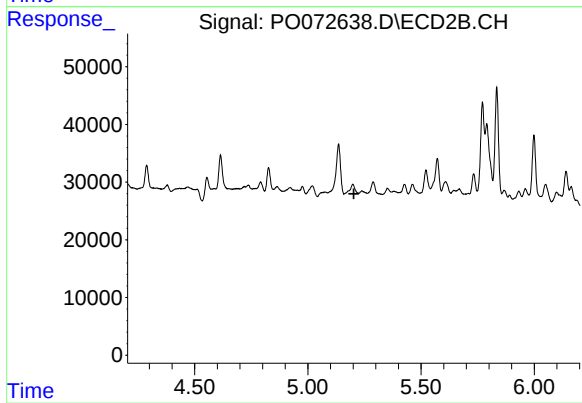
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.926 min  
Response: 0  
Conc: N.D.



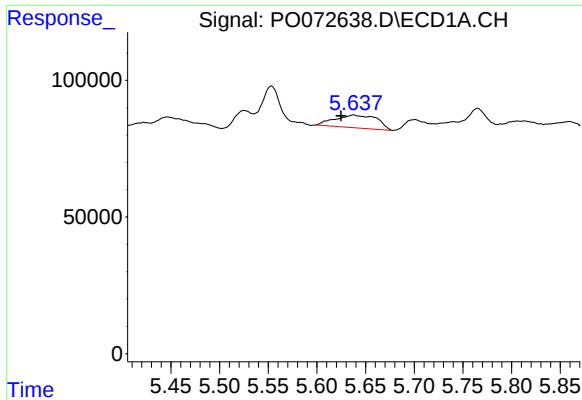
#15 AR-1232-5

R.T.: 5.911 min  
Delta R.T.: 0.000 min  
Response: 88579  
Conc: 147.72 ng/ml



#15 AR-1232-5

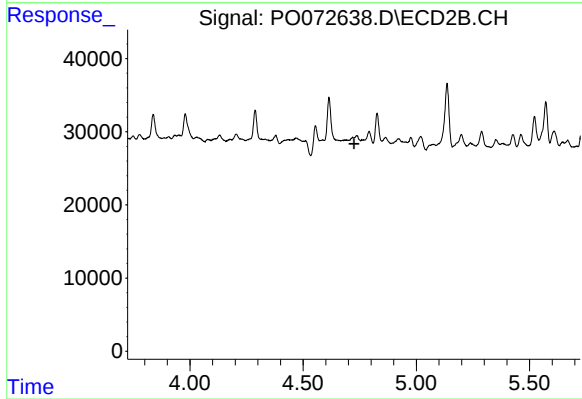
R.T.: 0.000 min  
Exp R.T. : 5.204 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

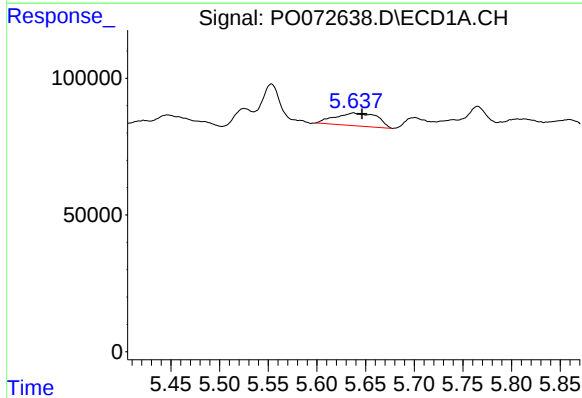
R.T.: 5.638 min  
Delta R.T.: 0.013 min  
Response: 138099  
Conc: 56.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



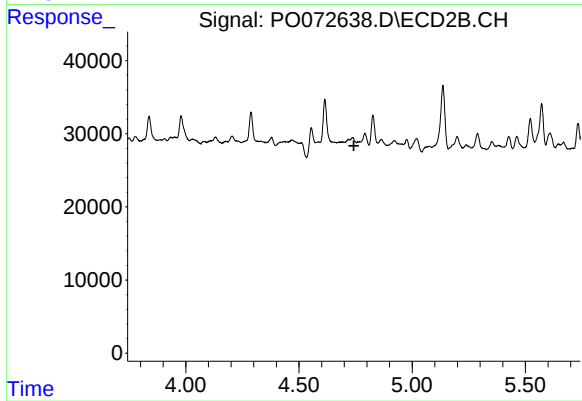
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.725 min  
Response: 0  
Conc: N.D.



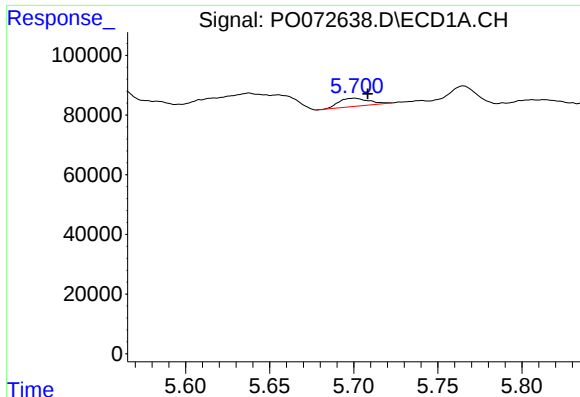
#17 AR-1242-2

R.T.: 5.638 min  
Delta R.T.: -0.009 min  
Response: 138099  
Conc: 39.23 ng/ml



#17 AR-1242-2

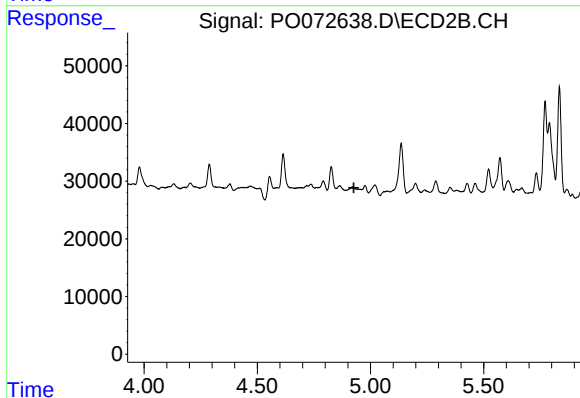
R.T.: 0.000 min  
Exp R.T. : 4.742 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

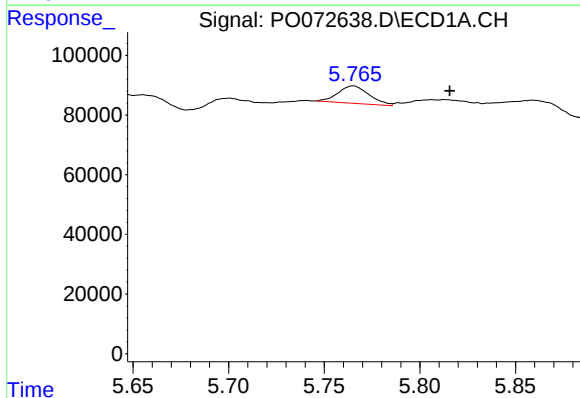
R.T.: 5.700 min  
Delta R.T.: -0.008 min  
Response: 33283  
Conc: 16.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



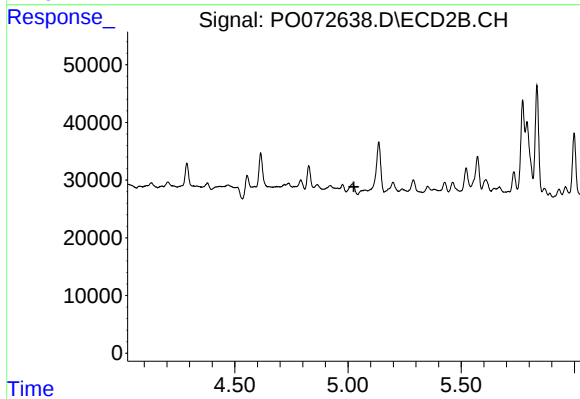
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.927 min  
Response: 0  
Conc: N.D.



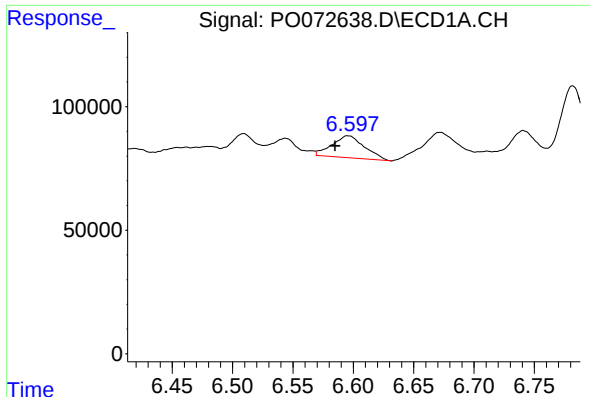
#19 AR-1242-4

R.T.: 5.765 min  
Delta R.T.: -0.050 min  
Response: 65910  
Conc: 38.02 ng/ml



#19 AR-1242-4

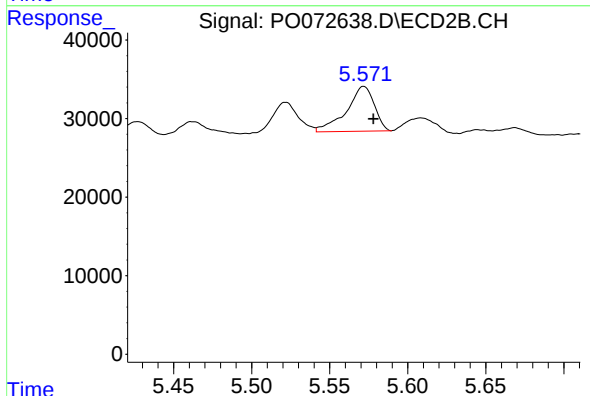
R.T.: 0.000 min  
Exp R.T. : 5.026 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

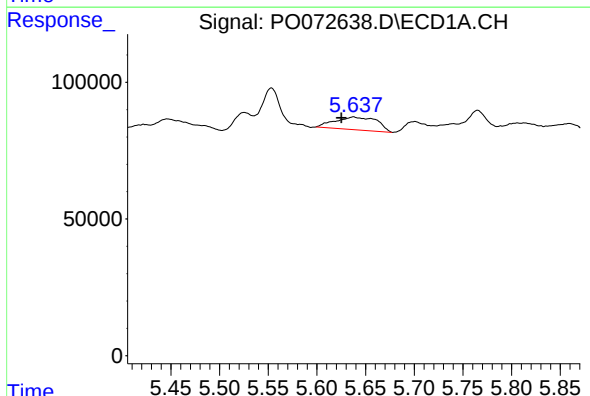
R.T.: 6.596 min  
Delta R.T.: 0.011 min  
Response: 165600  
Conc: 71.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



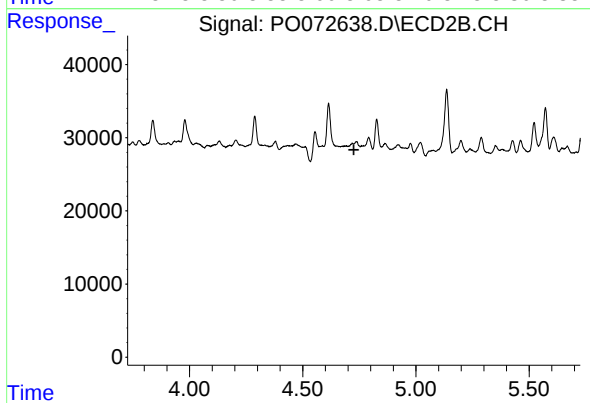
#20 AR-1242-5

R.T.: 5.572 min  
Delta R.T.: -0.006 min  
Response: 70953  
Conc: 51.68 ng/ml



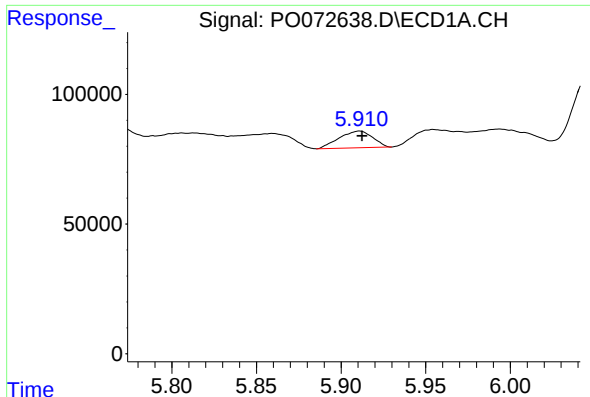
#21 AR-1248-1

R.T.: 5.638 min  
Delta R.T.: 0.013 min  
Response: 138099  
Conc: 73.87 ng/ml



#21 AR-1248-1

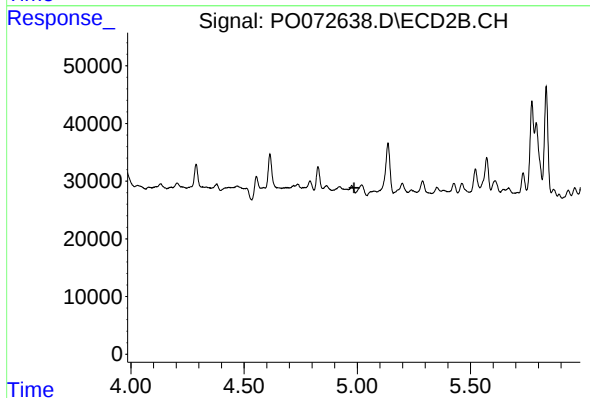
R.T.: 0.000 min  
Exp R.T.: 4.726 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

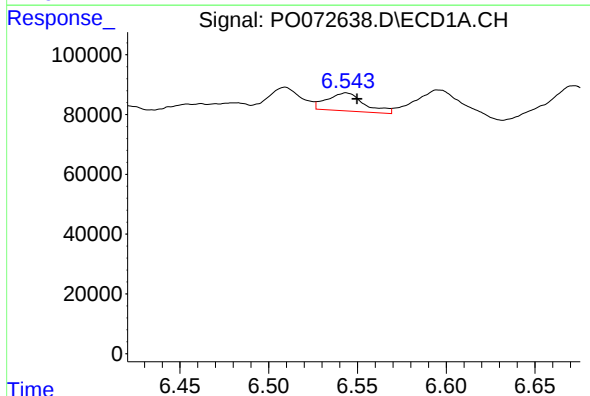
R.T.: 5.911 min  
Delta R.T.: -0.002 min  
Response: 88579  
Conc: 35.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



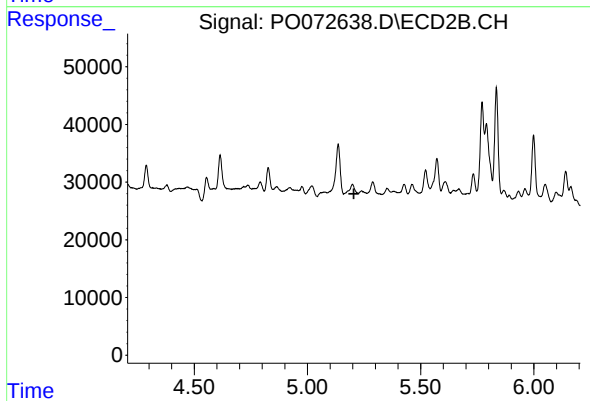
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.985 min  
Response: 0  
Conc: N.D.



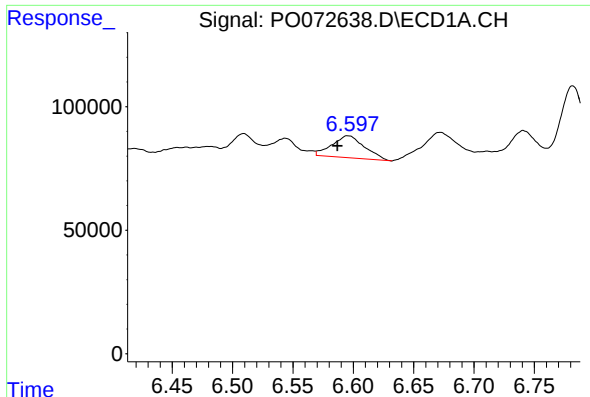
#24 AR-1248-4

R.T.: 6.544 min  
Delta R.T.: -0.006 min  
Response: 87344  
Conc: 19.75 ng/ml



#24 AR-1248-4

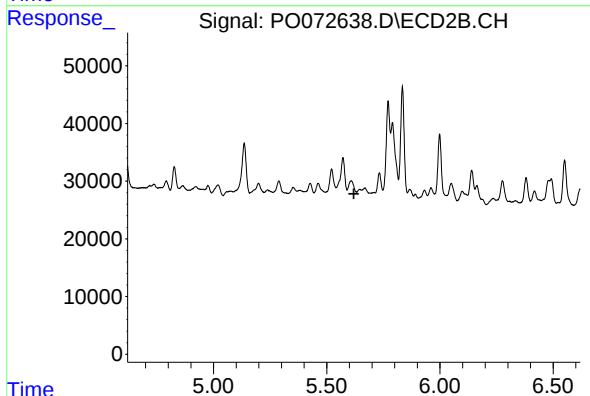
R.T.: 0.000 min  
Exp R.T. : 5.205 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

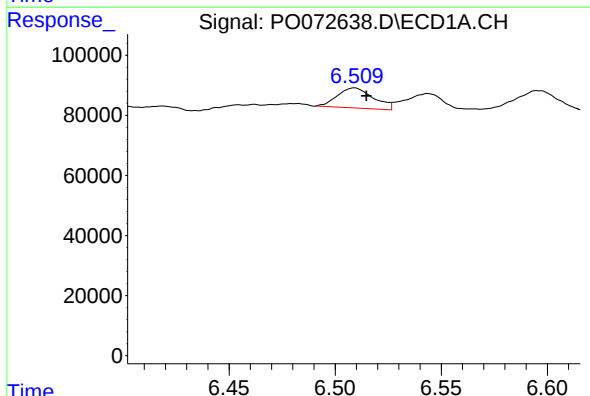
R.T.: 6.596 min  
Delta R.T.: 0.009 min  
Response: 165600  
Conc: 42.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



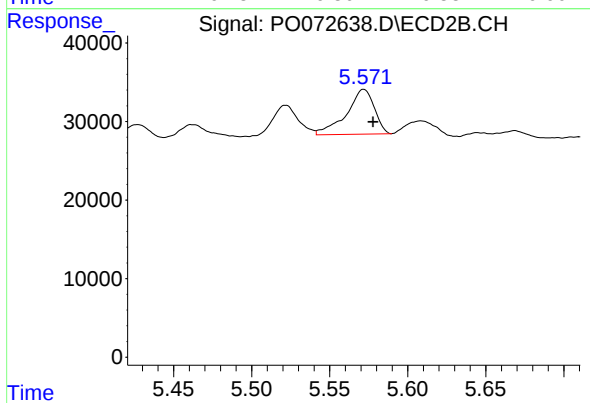
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.620 min  
Response: 0  
Conc: N.D.



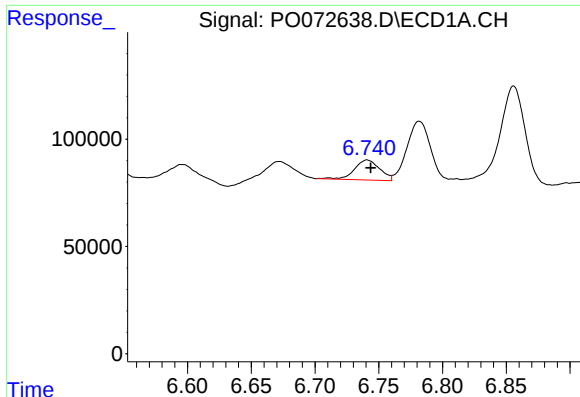
#26 AR-1254-1

R.T.: 6.509 min  
Delta R.T.: -0.006 min  
Response: 78862  
Conc: 18.67 ng/ml



#26 AR-1254-1

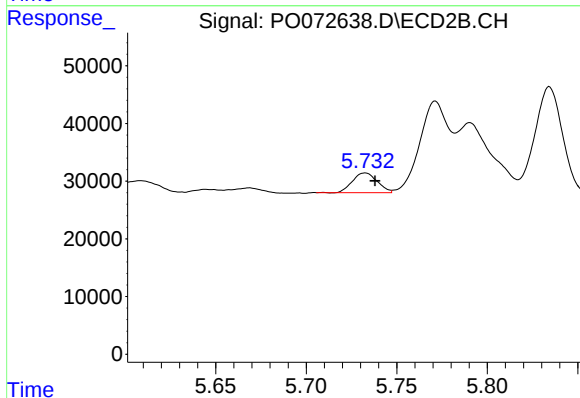
R.T.: 5.572 min  
Delta R.T.: -0.006 min  
Response: 70953  
Conc: 25.67 ng/ml



#27 AR-1254-2

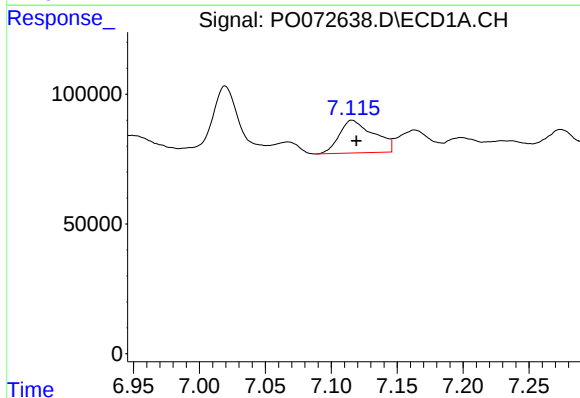
R.T.: 6.741 min  
Delta R.T.: -0.003 min  
Response: 129637  
Conc: 20.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



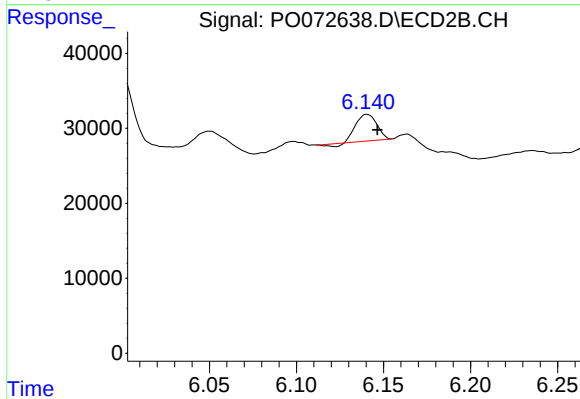
#27 AR-1254-2

R.T.: 5.733 min  
Delta R.T.: -0.005 min  
Response: 32484  
Conc: 13.36 ng/ml



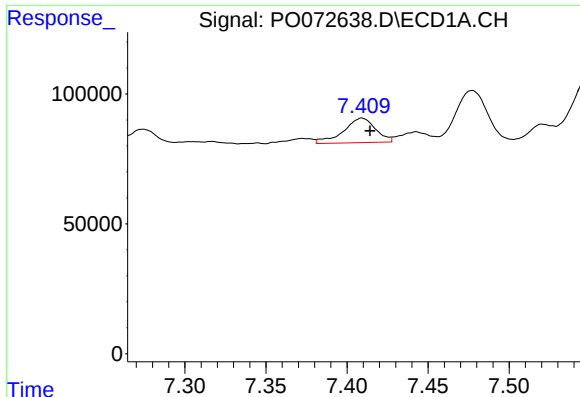
#28 AR-1254-3

R.T.: 7.116 min  
Delta R.T.: -0.003 min  
Response: 229644  
Conc: 33.79 ng/ml



#28 AR-1254-3

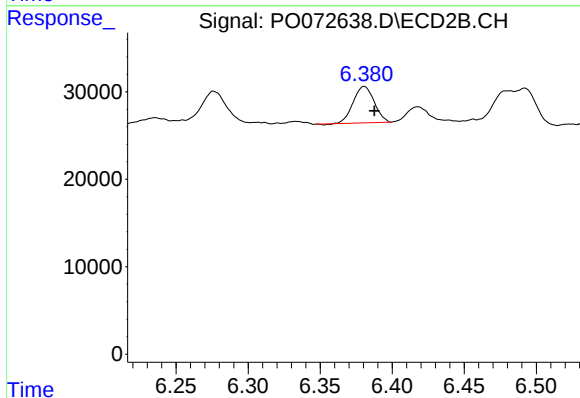
R.T.: 6.140 min  
Delta R.T.: -0.006 min  
Response: 28436  
Conc: 7.39 ng/ml



#29 AR-1254-4

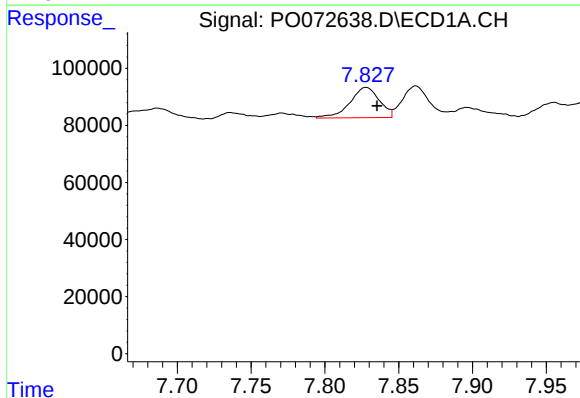
R.T.: 7.409 min  
Delta R.T.: -0.005 min  
Response: 130962  
Conc: 19.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



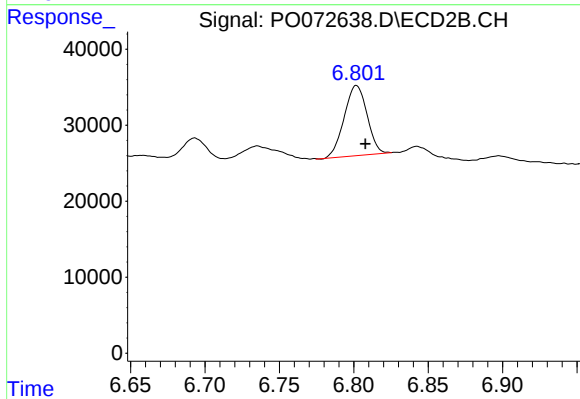
#29 AR-1254-4

R.T.: 6.381 min  
Delta R.T.: -0.007 min  
Response: 42454  
Conc: 15.81 ng/ml



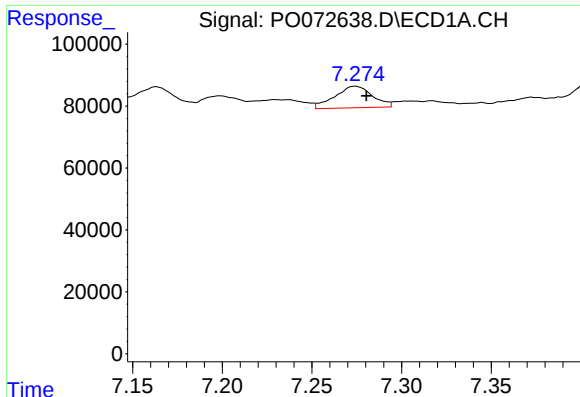
#30 AR-1254-5

R.T.: 7.828 min  
Delta R.T.: -0.007 min  
Response: 147710  
Conc: 23.06 ng/ml



#30 AR-1254-5

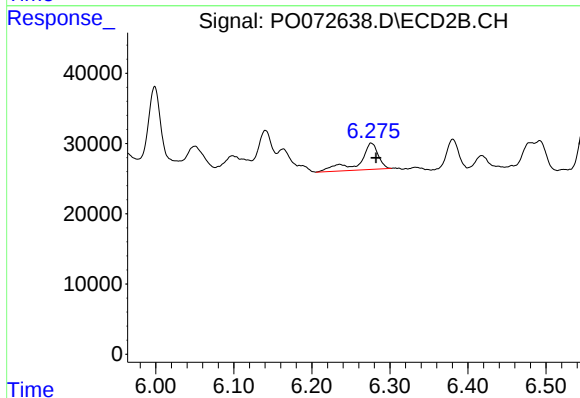
R.T.: 6.802 min  
Delta R.T.: -0.006 min  
Response: 98559  
Conc: 26.89 ng/ml



#31 AR-1260-1

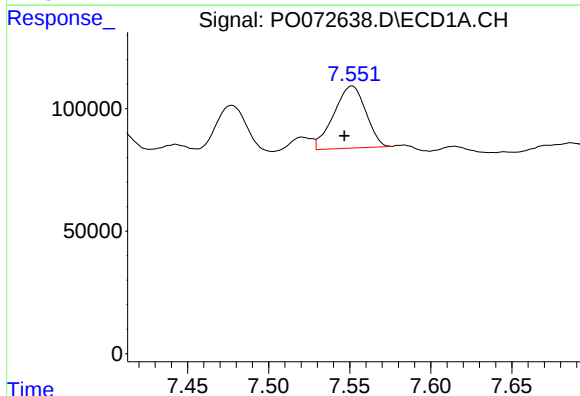
R.T.: 7.274 min  
Delta R.T.: -0.006 min  
Response: 101894  
Conc: 20.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



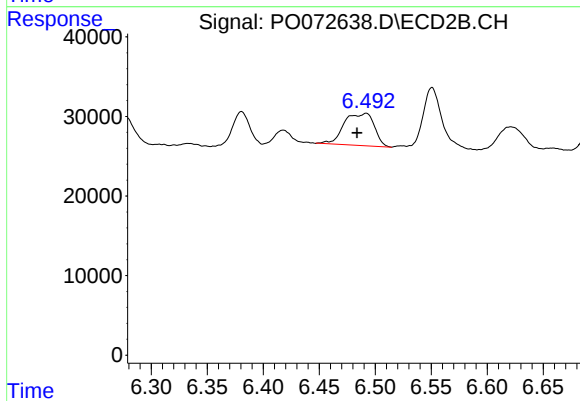
#31 AR-1260-1

R.T.: 6.276 min  
Delta R.T.: -0.006 min  
Response: 63098  
Conc: 24.66 ng/ml



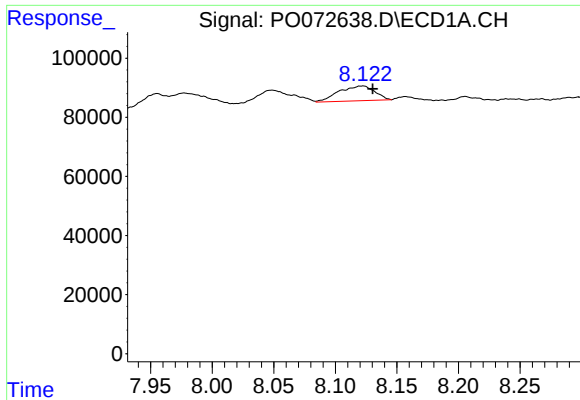
#32 AR-1260-2

R.T.: 7.551 min  
Delta R.T.: 0.005 min  
Response: 348344  
Conc: 45.40 ng/ml



#32 AR-1260-2

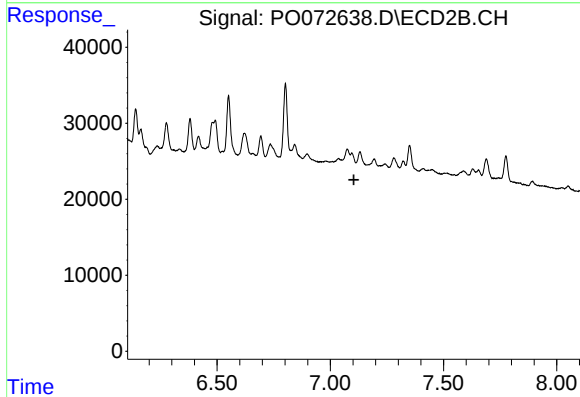
R.T.: 6.492 min  
Delta R.T.: 0.008 min  
Response: 75611  
Conc: 23.45 ng/ml



#34 AR-1260-4

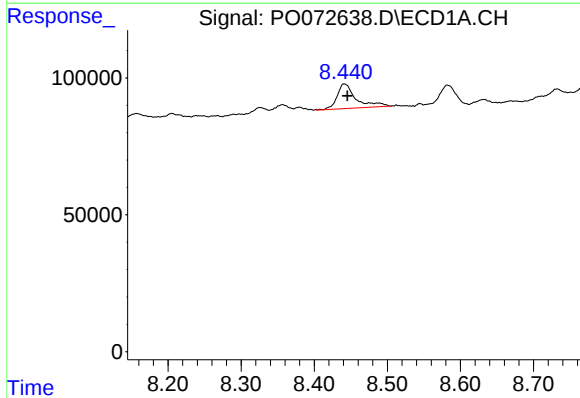
R.T.: 8.122 min  
Delta R.T.: -0.008 min  
Response: 101693  
Conc: 16.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



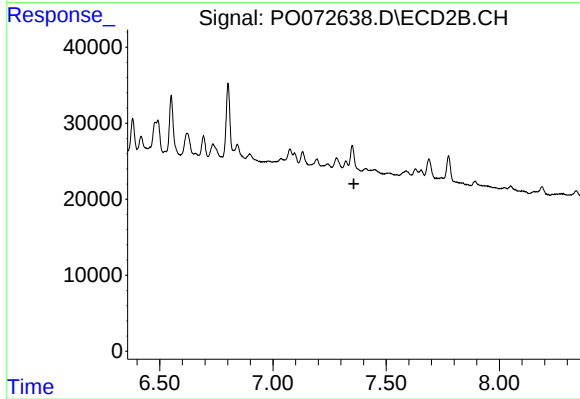
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.104 min  
Response: 0  
Conc: N.D.



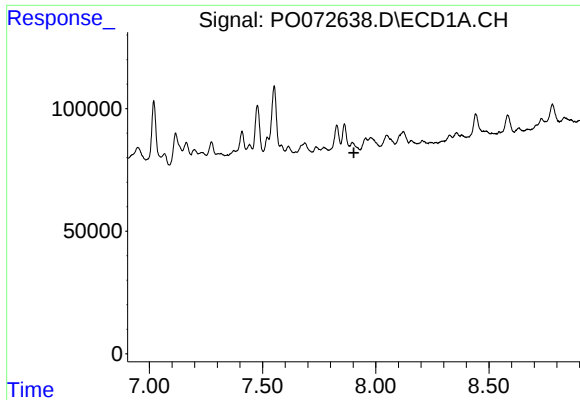
#35 AR-1260-5

R.T.: 8.441 min  
Delta R.T.: -0.004 min  
Response: 161874  
Conc: 11.14 ng/ml



#35 AR-1260-5

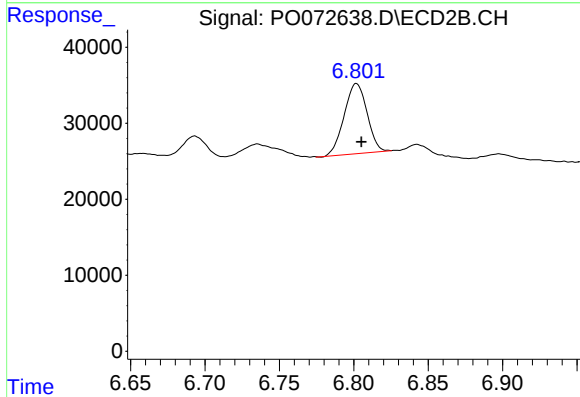
R.T.: 0.000 min  
Exp R.T. : 7.358 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

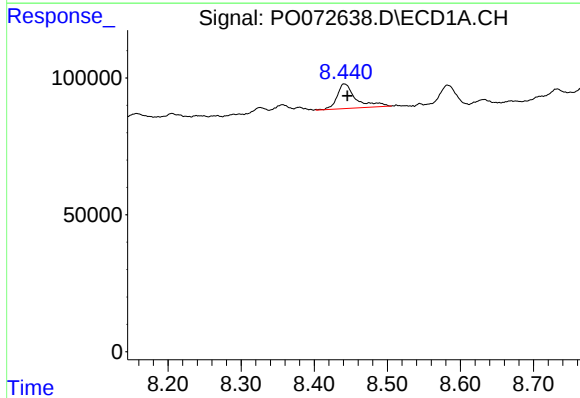
R.T.: 0.000 min  
Exp R.T.: 7.903 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



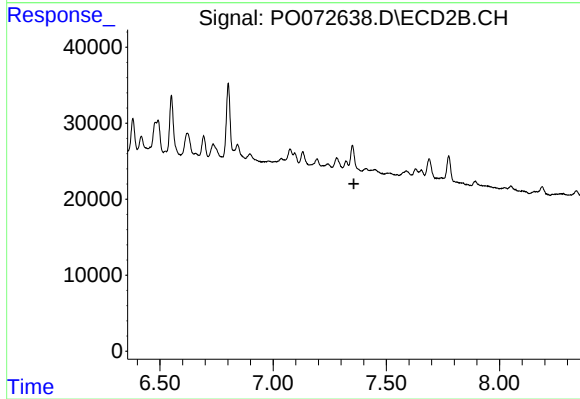
#36 AR-1262-1

R.T.: 6.802 min  
Delta R.T.: -0.003 min  
Response: 98559  
Conc: 51.65 ng/ml



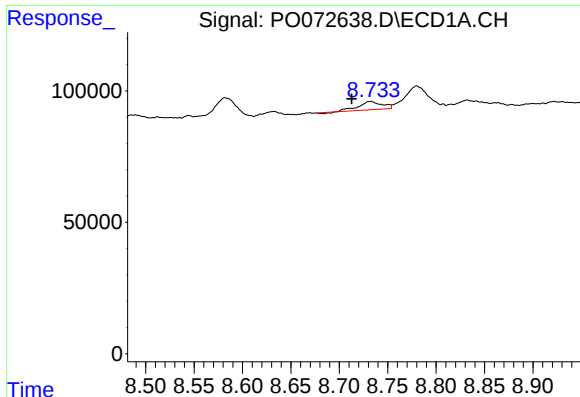
#37 AR-1262-2

R.T.: 8.441 min  
Delta R.T.: -0.004 min  
Response: 161874  
Conc: 10.13 ng/ml



#37 AR-1262-2

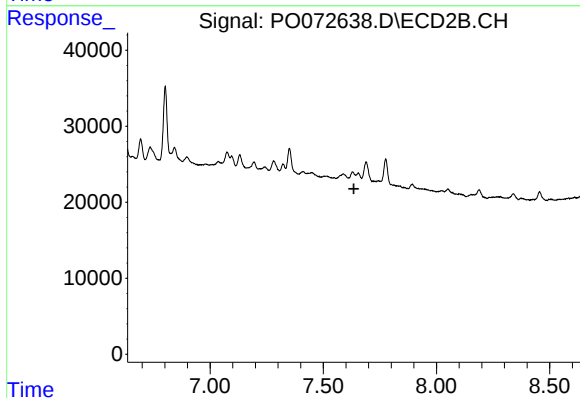
R.T.: 0.000 min  
Exp R.T.: 7.357 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

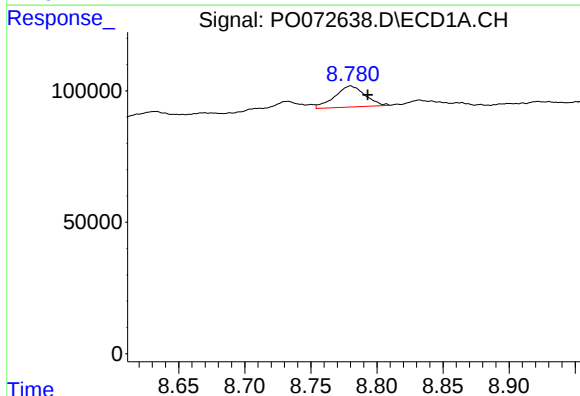
R.T.: 8.732 min  
Delta R.T.: 0.019 min  
Response: 51842  
Conc: 7.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



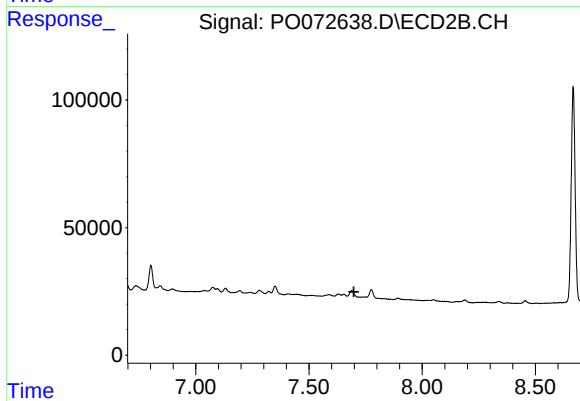
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.635 min  
Response: 0  
Conc: N.D.



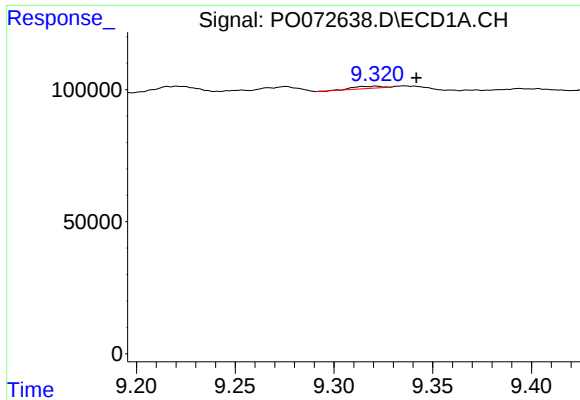
#39 AR-1262-4

R.T.: 8.780 min  
Delta R.T.: -0.013 min  
Response: 128103  
Conc: 32.06 ng/ml



#39 AR-1262-4

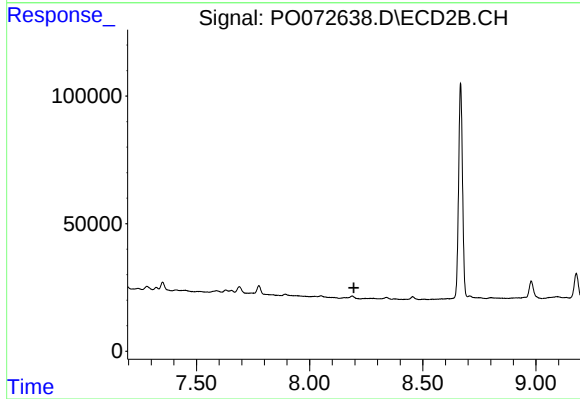
R.T.: 0.000 min  
Exp R.T. : 7.698 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

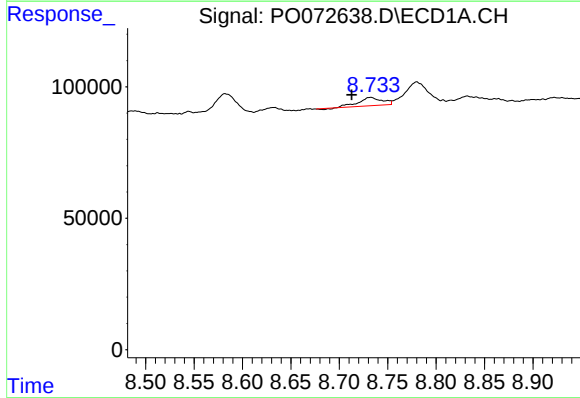
R.T.: 9.321 min  
Delta R.T.: -0.021 min  
Response: 8381  
Conc: 1.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



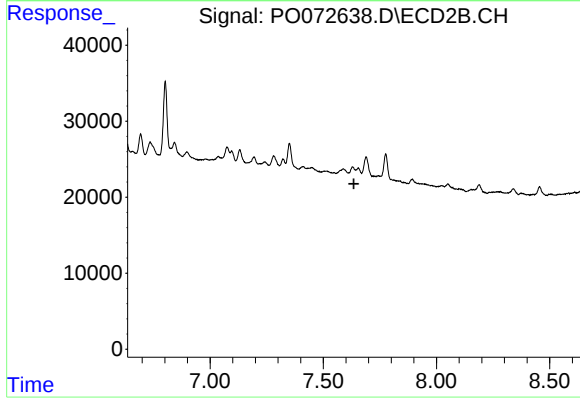
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.195 min  
Response: 0  
Conc: N.D.



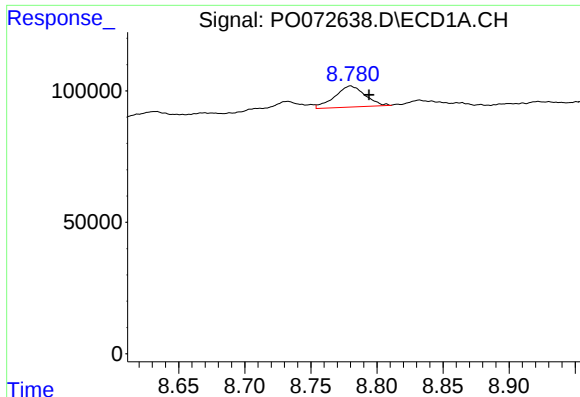
#41 AR-1268-1

R.T.: 8.732 min  
Delta R.T.: 0.019 min  
Response: 51842  
Conc: 2.69 ng/ml



#41 AR-1268-1

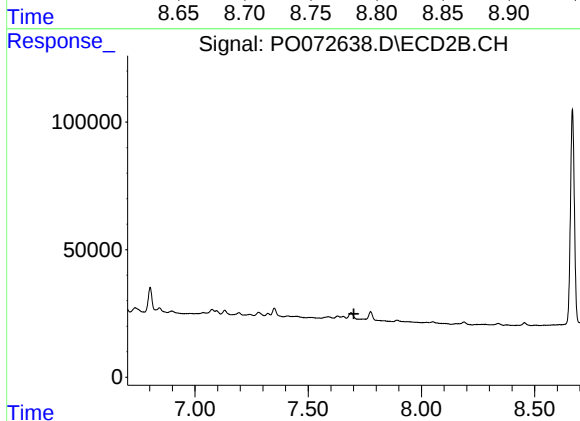
R.T.: 0.000 min  
Exp R.T. : 7.635 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

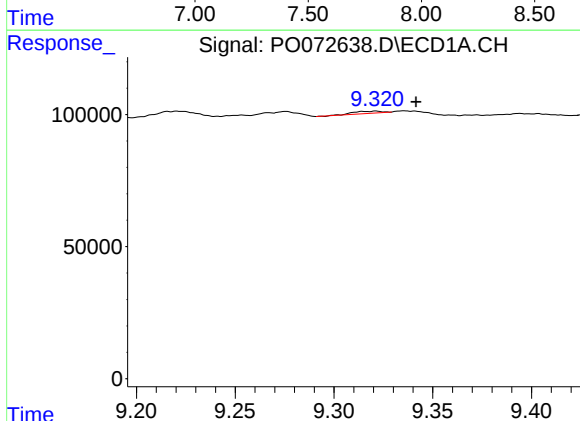
R.T.: 8.780 min  
Delta R.T.: -0.014 min  
Response: 128103  
Conc: 7.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



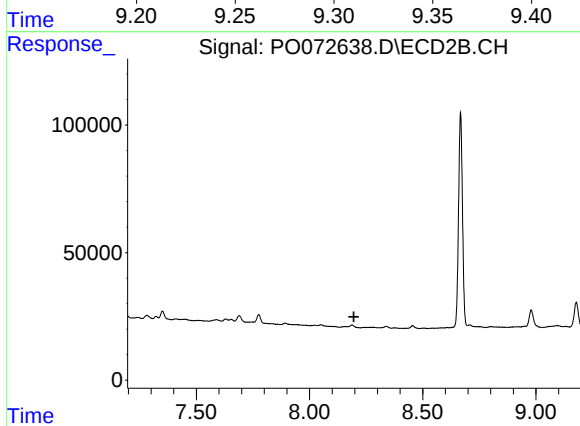
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.701 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 9.321 min  
Delta R.T.: -0.020 min  
Response: 8381  
Conc: 1.40 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.195 min  
Response: 0  
Conc: N.D.