

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102318\  
 Data File : PO050428.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Oct 2018 19:43  
 Operator : SM/SJ  
 Sample : J5614-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 05:41:37 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 19 02:02:26 2018  
 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... | 4.358  | 3.355 | 5480526 | 4219954  | 18.367  | 21.465    |
| 2)                          | SA Decachlor... | 10.022 | 8.108 | 3565881 | 3490906  | 16.434  | 18.263    |
| Target Compounds            |                 |        |       |         |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.562 | 0       | 411534   | N.D.    | 62.661 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.598 | 0       | 244818   | N.D.    | 46.216 #  |
| 7)                          | L1 AR-1016-5    | 6.002  | 4.818 | 795717  | 400566   | 93.268  | 57.841 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.752 | 0       | 187670   | N.D.    | 35.770 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.752 | 0       | 187670   | N.D.    | 48.558 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.562 | 0       | 411534   | N.D.    | 178.859 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.647 | 0       | 562607   | N.D.    | 274.563 # |
| 15)                         | L3 AR-1232-5    | 5.797  | 4.818 | 259743  | 400566   | 113.989 | 181.888 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.562 | 0       | 411534   | N.D.    | 95.395 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.647 | 0       | 562607   | N.D.    | 128.778 # |
| 20)                         | L4 AR-1242-5    | 6.445  | 5.130 | 422069  | 1758781  | 69.655  | 315.257 # |
| 22)                         | L5 AR-1248-2    | 5.797  | 4.598 | 259743  | 244818   | 28.465  | 37.119 #  |
| 23)                         | L5 AR-1248-3    | 6.002  | 4.647 | 795717  | 562607   | 77.089  | 84.655    |
| 24)                         | L5 AR-1248-4    | 6.407  | 4.818 | 199770  | 400566   | 17.762  | 49.055 #  |
| 25)                         | L5 AR-1248-5    | 6.445  | 5.171 | 422069  | 360588   | 38.102  | 45.601    |
| 26)                         | L6 AR-1254-1    | 6.373  | 5.130 | 1066228 | 1758781  | 81.500  | 121.320 # |
| 27)                         | L6 AR-1254-2    | 6.591  | 5.273 | 2002844 | 1832827  | 98.237  | 144.252 # |
| 28)                         | L6 AR-1254-3    | 6.957  | 5.656 | 5182404 | 8121078  | 240.035 | 396.355 # |
| 29)                         | L6 AR-1254-4    | 7.281  | 5.877 | 1032869 | 1605201  | 71.410  | 137.840 # |
| 30)                         | L6 AR-1254-5    | 7.680  | 6.279 | 4555474 | 13508900 | 291.960 | 773.373 # |
| 31)                         | L7 AR-1260-1    | 7.119  | 5.781 | 7003540 | 7846355  | 411.186 | 517.920 # |
| 32)                         | L7 AR-1260-2    | 7.419  | 5.965 | 2825597 | 8393736  | 142.885 | 453.744 # |
| 33)                         | L7 AR-1260-3    | 7.733  | 6.108 | 3404300 | 6511861  | 237.825 | 380.474 # |
| 34)                         | L7 AR-1260-4    | 7.955  | 6.566 | 4986545 | 3459118  | 307.960 | 255.142   |
| 35)                         | L7 AR-1260-5    | 8.323  | 6.804 | 414998  | 7636226  | 13.660  | 249.892 # |
| 36)                         | L8 AR-1262-1    | 7.791  | 6.319 | 2063874 | 4766089  | 132.311 | 301.665 # |
| 37)                         | L8 AR-1262-2    | 8.323  | 6.804 | 414998  | 7636226  | 16.640  | 298.218 # |
| 38)                         | L8 AR-1262-3    | 8.591  | 7.080 | 1909449 | 1490755  | 115.038 | 145.877 # |
| 39)                         | L8 AR-1262-4    | 8.661  | 7.140 | 672249  | 5597733  | 51.955  | 298.376 # |
| 40)                         | L8 AR-1262-5    | 9.300  | 7.626 | -875361 | 1523728  | N.D.    | 194.016 # |
| 41)                         | L9 AR-1268-1    | 8.591  | 7.080 | 1909449 | 1490755  | 57.461  | 44.235    |
| 42)                         | L9 AR-1268-2    | 8.661  | 7.140 | 672249  | 5597733  | 21.924  | 178.741 # |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.339 | 0       | 325672   | N.D.    | 12.048 #  |
| 44)                         | L9 AR-1268-4    | 9.300  | 7.626 | -875361 | 1523728  | N.D.    | 156.196 # |
| 45)                         | L9 AR-1268-5    | 0.000  | 7.892 | 0       | 520810   | N.D.    | 6.870 #   |
| -----                       |                 |        |       |         |          |         |           |

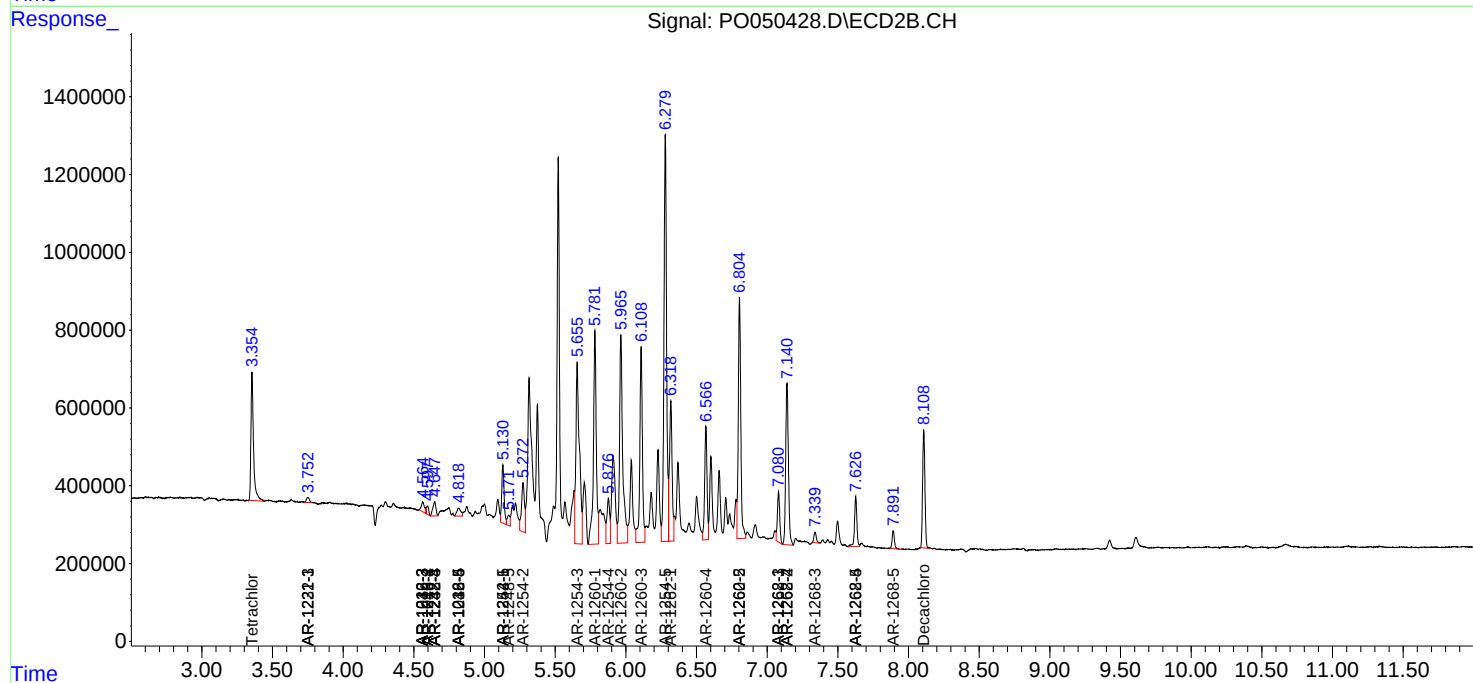
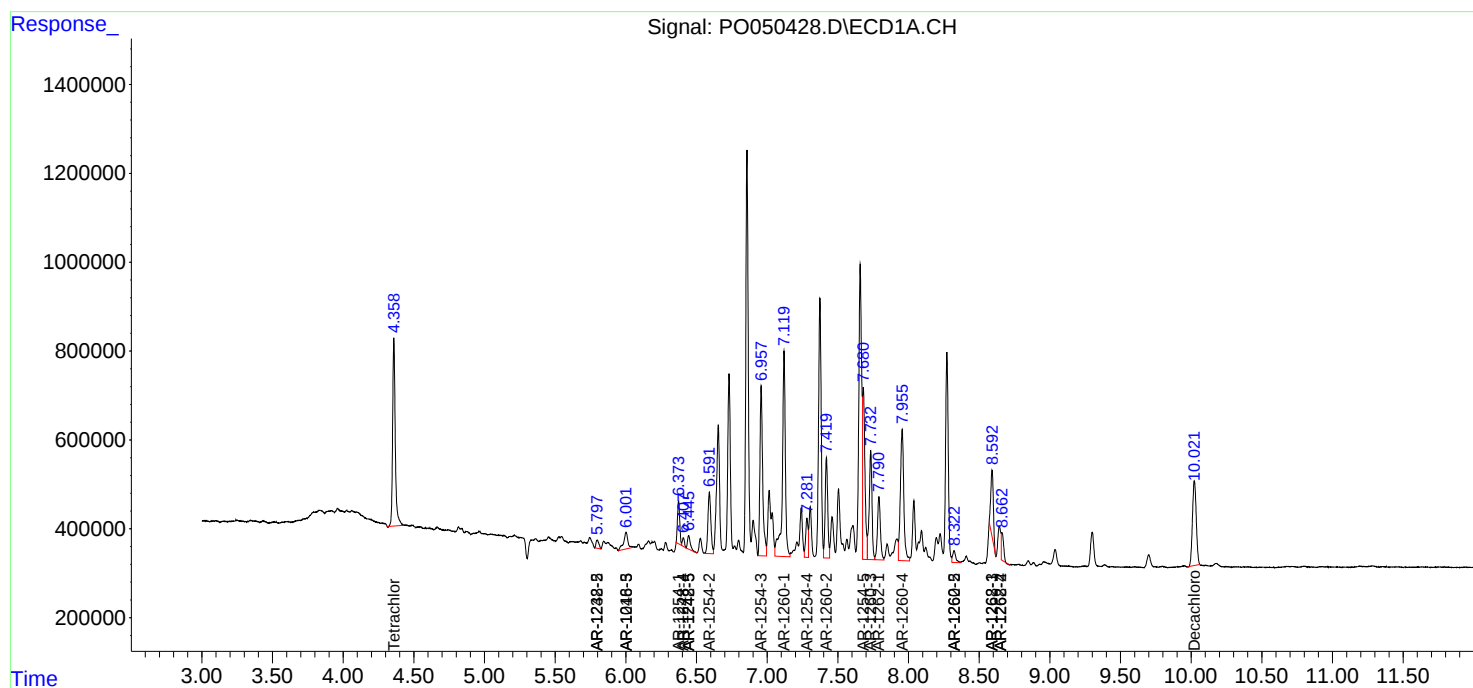
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

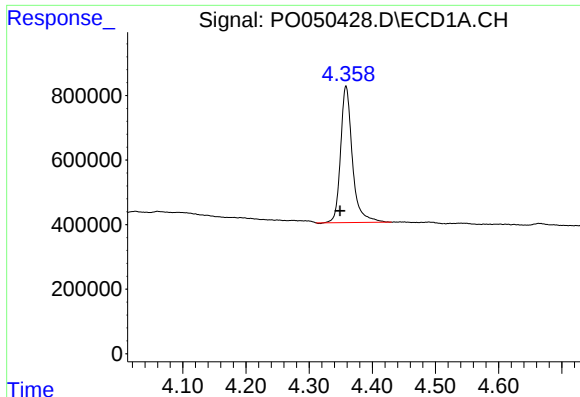
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102318\  
Data File : P0050428.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Oct 2018 19:43  
Operator : SM/SJ  
Sample : J5614-13  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 05:41:37 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 19 02:02:26 2018  
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

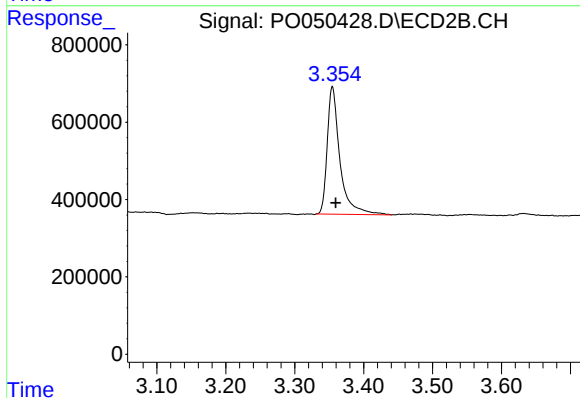




#1 Tetrachloro-m-xylene

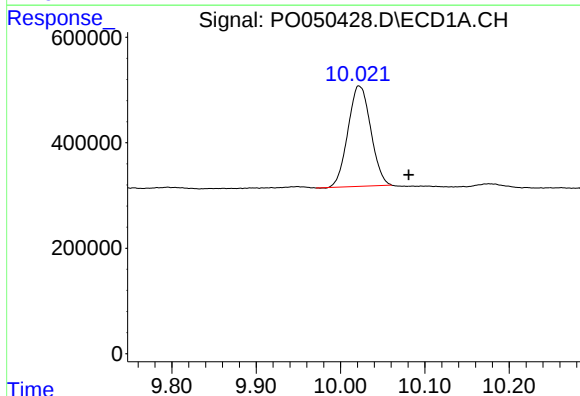
R.T.: 4.358 min  
Delta R.T.: 0.009 min  
Response: 5480526  
Conc: 18.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



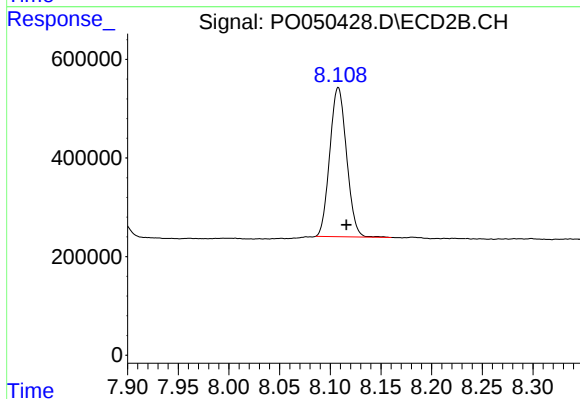
#1 Tetrachloro-m-xylene

R.T.: 3.355 min  
Delta R.T.: -0.005 min  
Response: 4219954  
Conc: 21.46 ng/ml



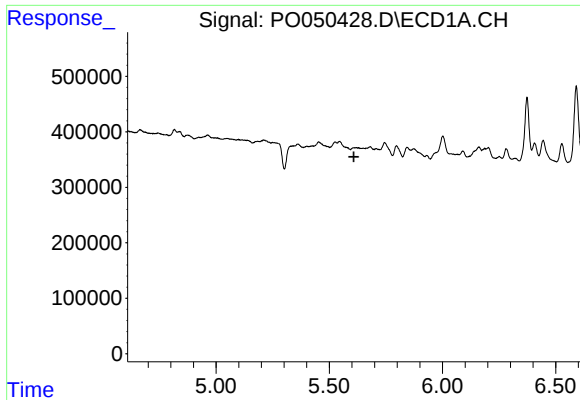
#2 Decachlorobiphenyl

R.T.: 10.022 min  
Delta R.T.: -0.059 min  
Response: 3565881  
Conc: 16.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.108 min  
Delta R.T.: -0.008 min  
Response: 3490906  
Conc: 18.26 ng/ml

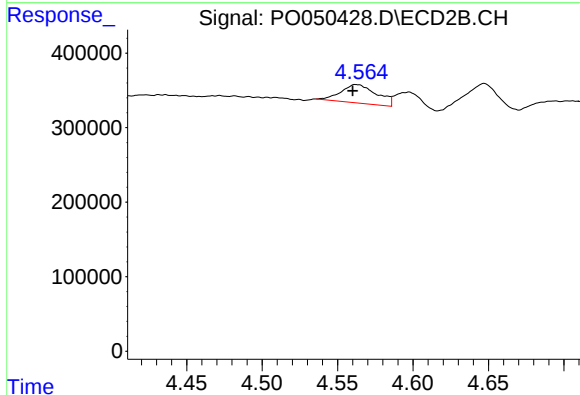


#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.609 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :

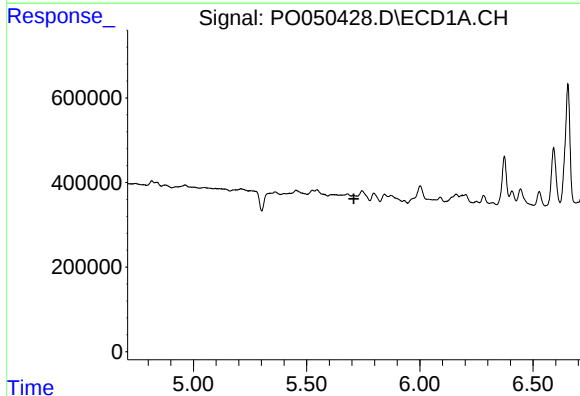
Time



#5 AR-1016-3

R.T.: 4.562 min  
Delta R.T.: 0.002 min  
Response: 411534  
Conc: 62.66 ng/ml

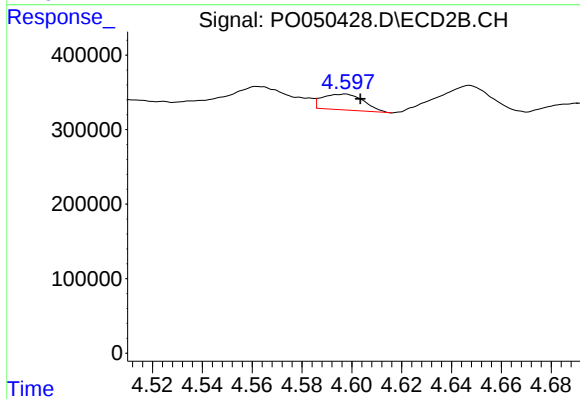
Time



#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

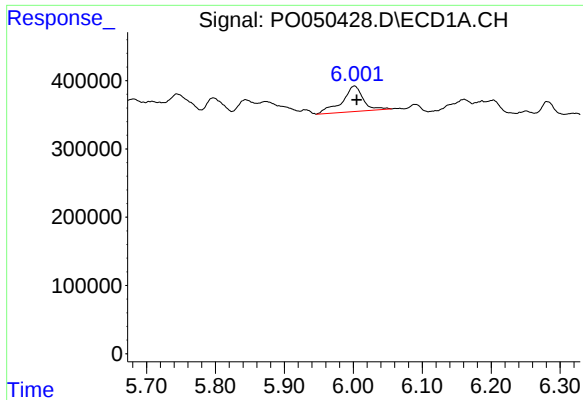
Time



#6 AR-1016-4

R.T.: 4.598 min  
Delta R.T.: -0.006 min  
Response: 244818  
Conc: 46.22 ng/ml

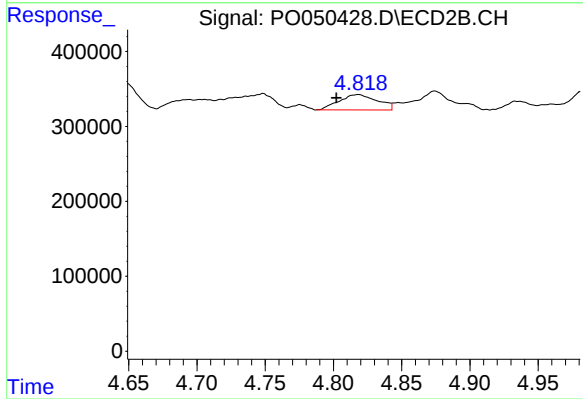
Time



#7 AR-1016-5

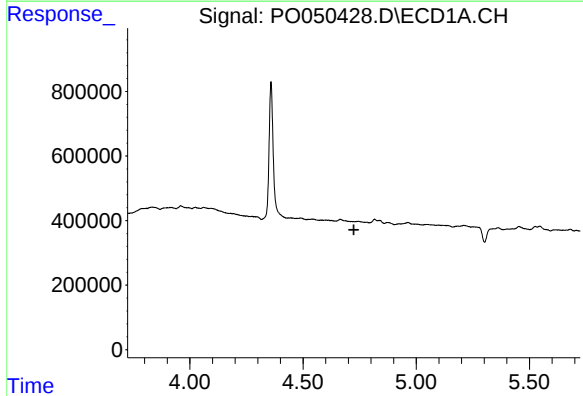
R.T.: 6.002 min  
Delta R.T.: -0.003 min  
Response: 795717  
Conc: 93.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



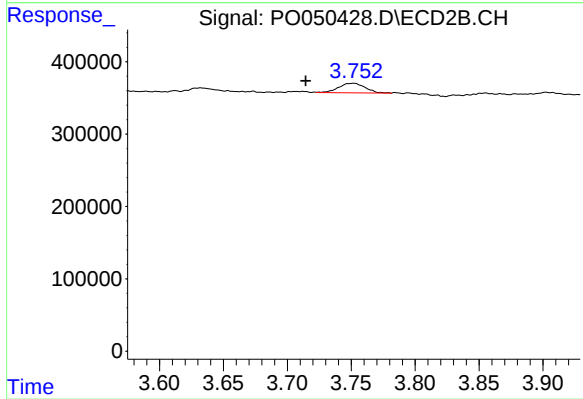
#7 AR-1016-5

R.T.: 4.818 min  
Delta R.T.: 0.016 min  
Response: 400566  
Conc: 57.84 ng/ml



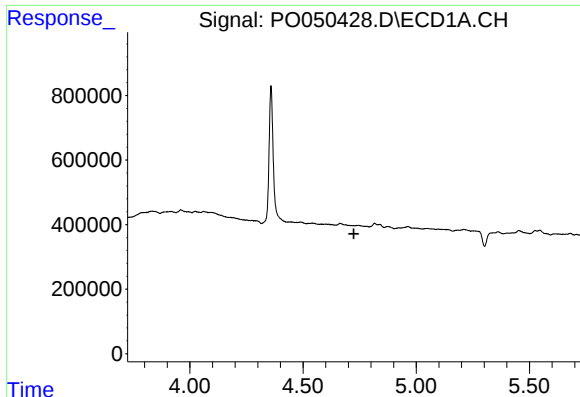
#10 AR-1221-3

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



#10 AR-1221-3

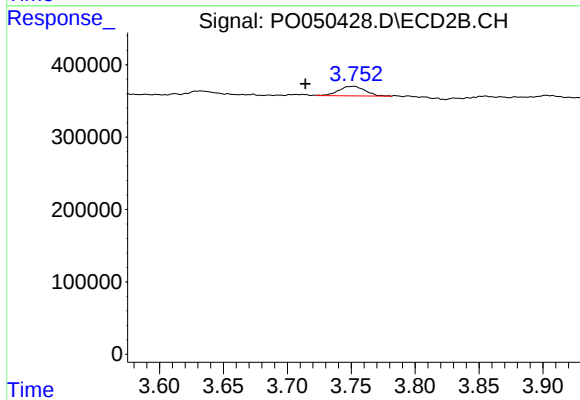
R.T.: 3.752 min  
Delta R.T.: 0.038 min  
Response: 187670  
Conc: 35.77 ng/ml



#11 AR-1232-1

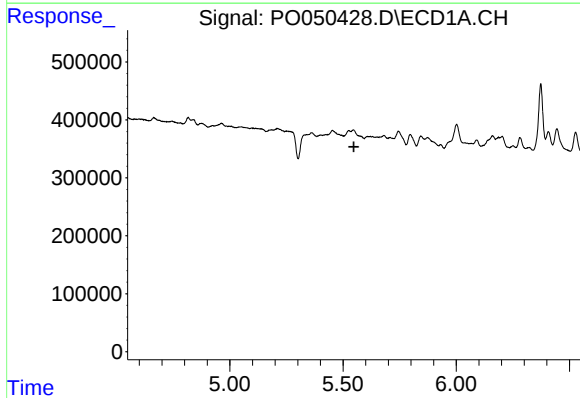
R.T.: 0.000 min  
Exp R.T. : 4.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



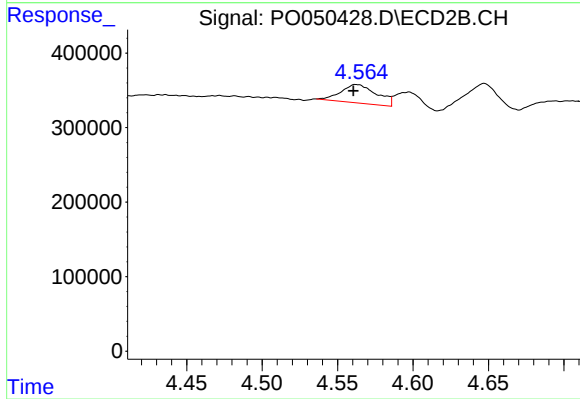
#11 AR-1232-1

R.T.: 3.752 min  
Delta R.T.: 0.038 min  
Response: 187670  
Conc: 48.56 ng/ml



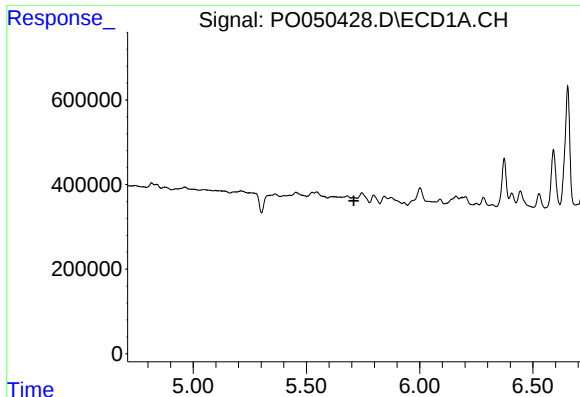
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.548 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

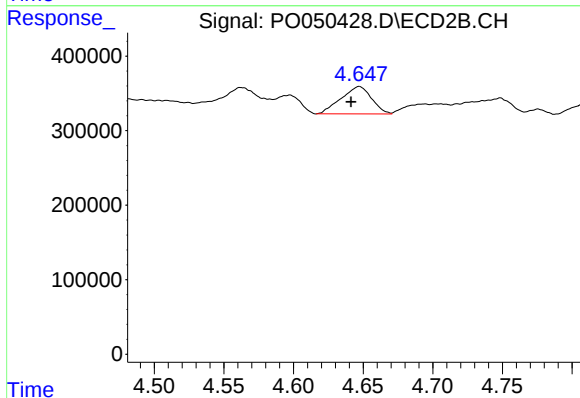
R.T.: 4.562 min  
Delta R.T.: 0.001 min  
Response: 411534  
Conc: 178.86 ng/ml



#14 AR-1232-4

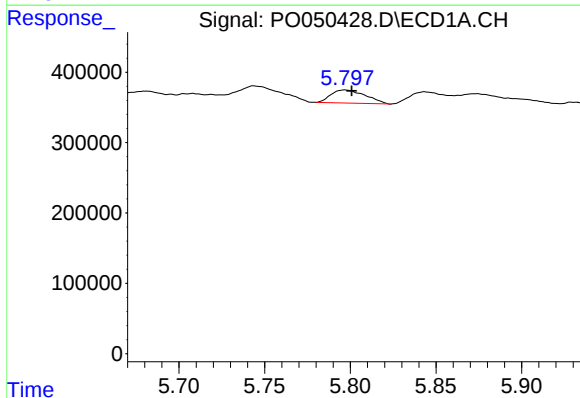
R.T.: 0.000 min  
Exp R.T.: 5.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



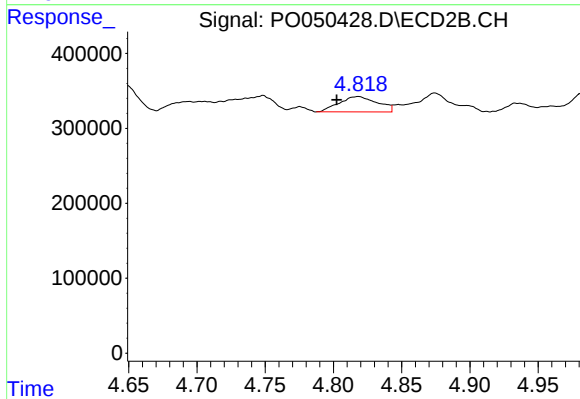
#14 AR-1232-4

R.T.: 4.647 min  
Delta R.T.: 0.006 min  
Response: 562607  
Conc: 274.56 ng/ml



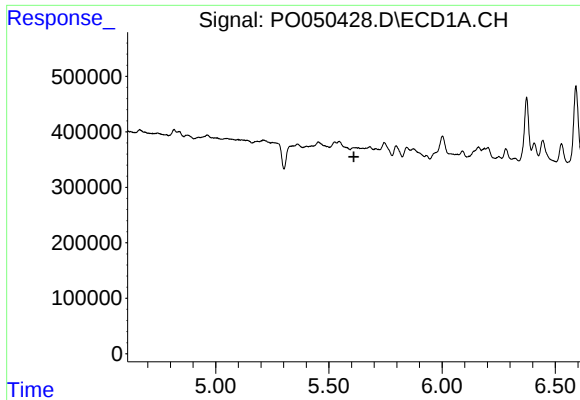
#15 AR-1232-5

R.T.: 5.797 min  
Delta R.T.: -0.004 min  
Response: 259743  
Conc: 113.99 ng/ml



#15 AR-1232-5

R.T.: 4.818 min  
Delta R.T.: 0.016 min  
Response: 400566  
Conc: 181.89 ng/ml

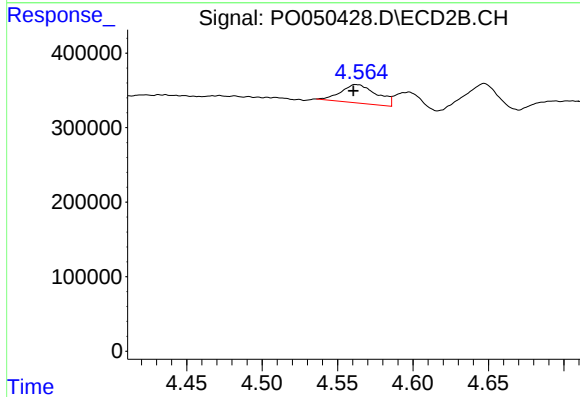


#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.610 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :

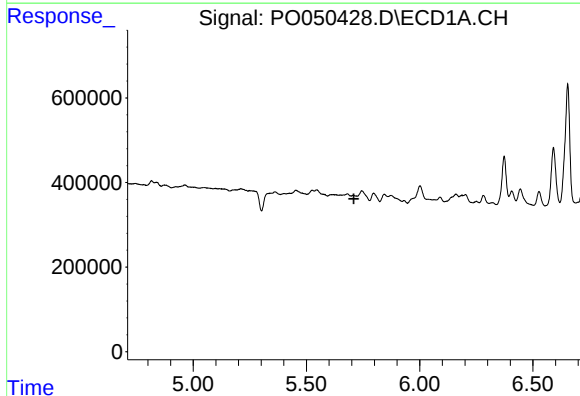
Time



#18 AR-1242-3

R.T.: 4.562 min  
Delta R.T.: 0.001 min  
Response: 411534  
Conc: 95.39 ng/ml

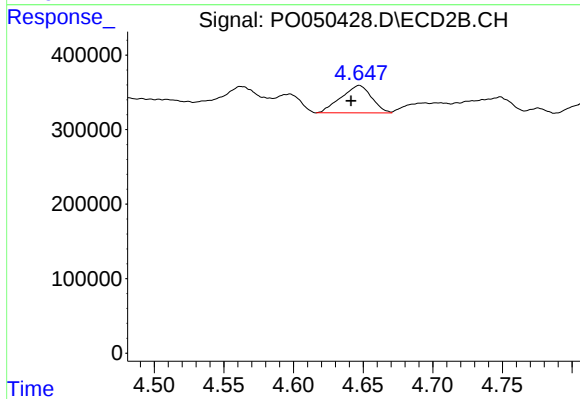
Time



#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.709 min  
Response: 0  
Conc: N.D.

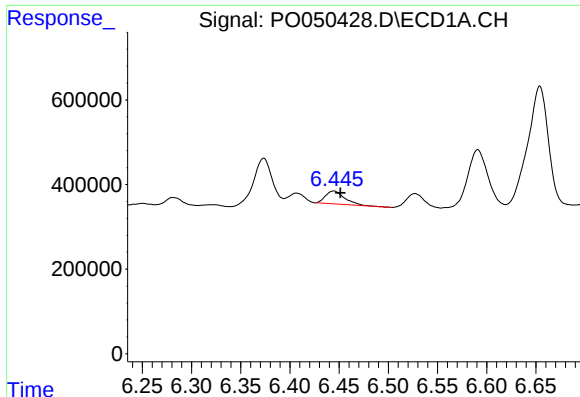
Time



#19 AR-1242-4

R.T.: 4.647 min  
Delta R.T.: 0.006 min  
Response: 562607  
Conc: 128.78 ng/ml

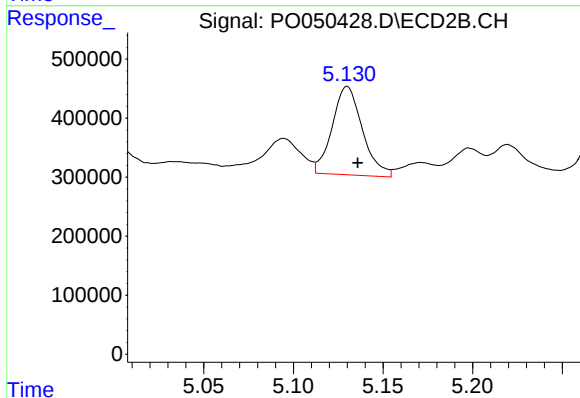
Time



#20 AR-1242-5

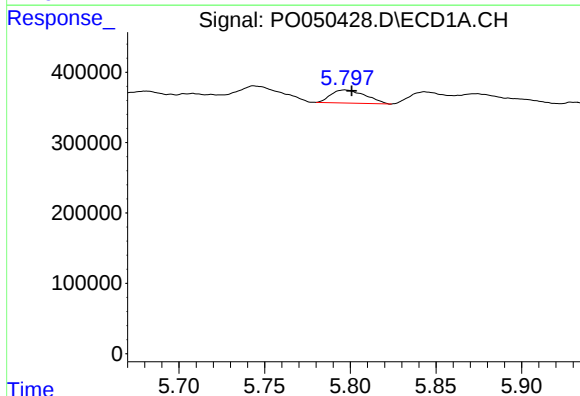
R.T.: 6.445 min  
Delta R.T.: -0.006 min  
Response: 422069  
Conc: 69.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



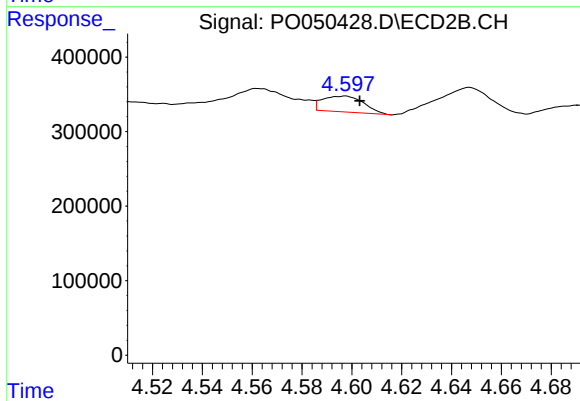
#20 AR-1242-5

R.T.: 5.130 min  
Delta R.T.: -0.006 min  
Response: 1758781  
Conc: 315.26 ng/ml



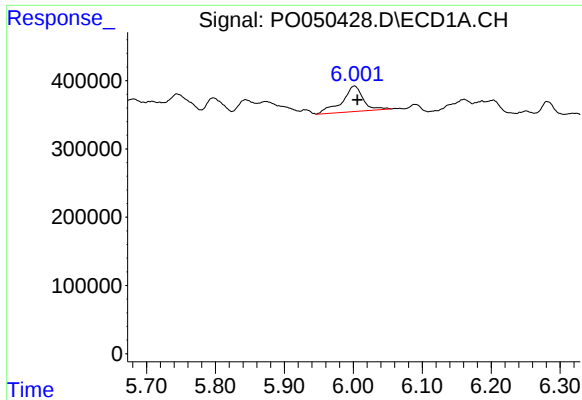
#22 AR-1248-2

R.T.: 5.797 min  
Delta R.T.: -0.004 min  
Response: 259743  
Conc: 28.46 ng/ml



#22 AR-1248-2

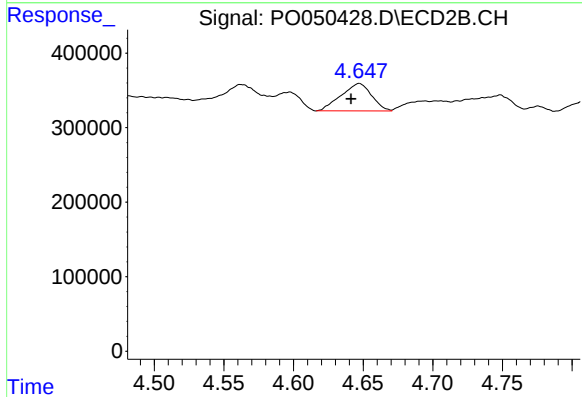
R.T.: 4.598 min  
Delta R.T.: -0.006 min  
Response: 244818  
Conc: 37.12 ng/ml



#23 AR-1248-3

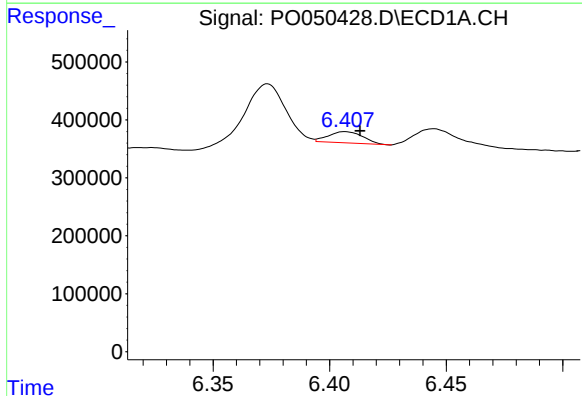
R.T.: 6.002 min  
Delta R.T.: -0.004 min  
Response: 795717  
Conc: 77.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



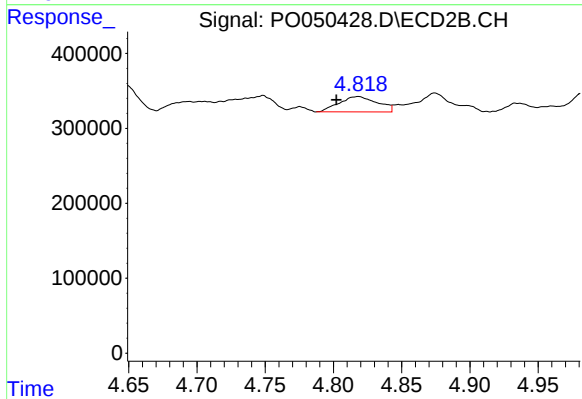
#23 AR-1248-3

R.T.: 4.647 min  
Delta R.T.: 0.006 min  
Response: 562607  
Conc: 84.66 ng/ml



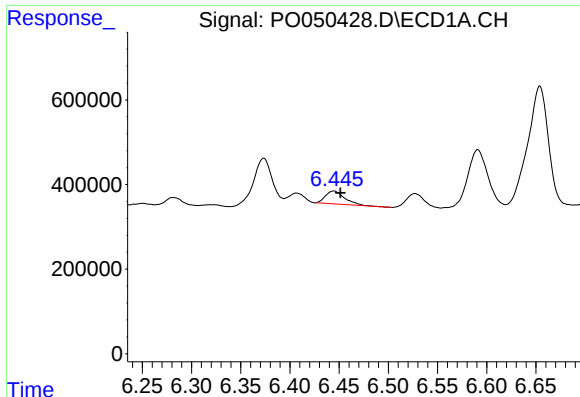
#24 AR-1248-4

R.T.: 6.407 min  
Delta R.T.: -0.006 min  
Response: 199770  
Conc: 17.76 ng/ml



#24 AR-1248-4

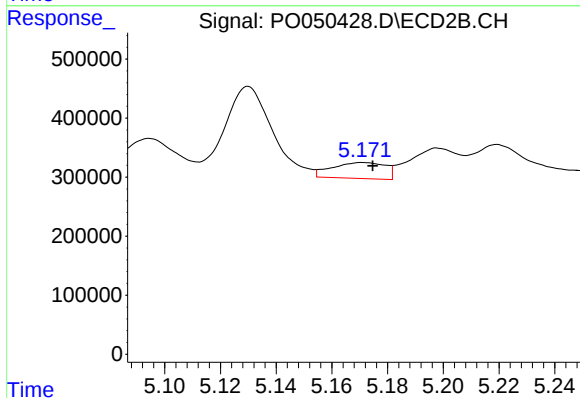
R.T.: 4.818 min  
Delta R.T.: 0.016 min  
Response: 400566  
Conc: 49.06 ng/ml



#25 AR-1248-5

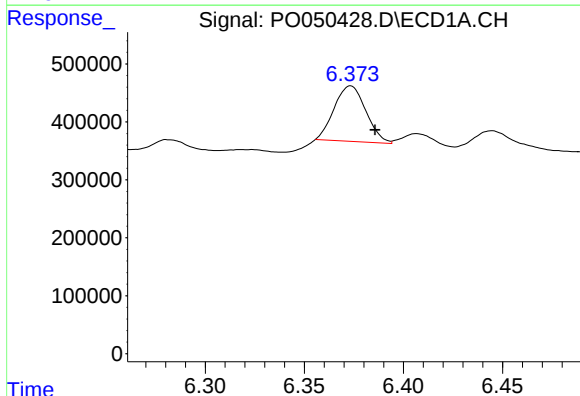
R.T.: 6.445 min  
Delta R.T.: -0.007 min  
Response: 422069  
Conc: 38.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



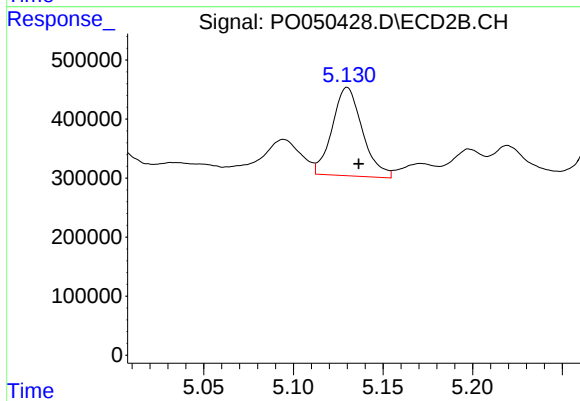
#25 AR-1248-5

R.T.: 5.171 min  
Delta R.T.: -0.004 min  
Response: 360588  
Conc: 45.60 ng/ml



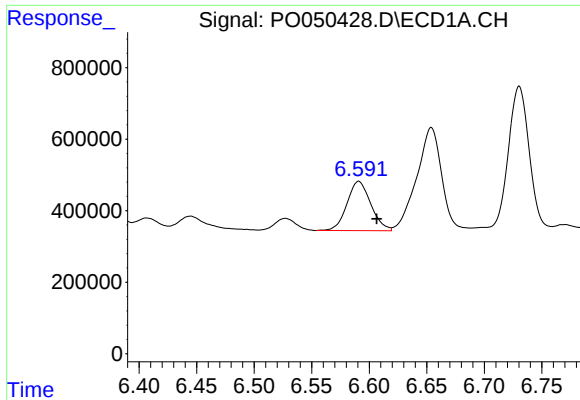
#26 AR-1254-1

R.T.: 6.373 min  
Delta R.T.: -0.012 min  
Response: 1066228  
Conc: 81.50 ng/ml



#26 AR-1254-1

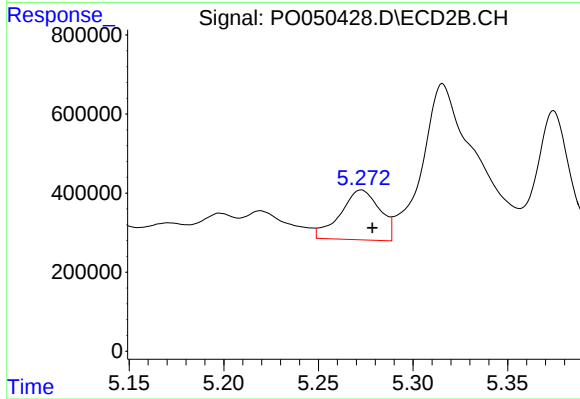
R.T.: 5.130 min  
Delta R.T.: -0.006 min  
Response: 1758781  
Conc: 121.32 ng/ml



#27 AR-1254-2

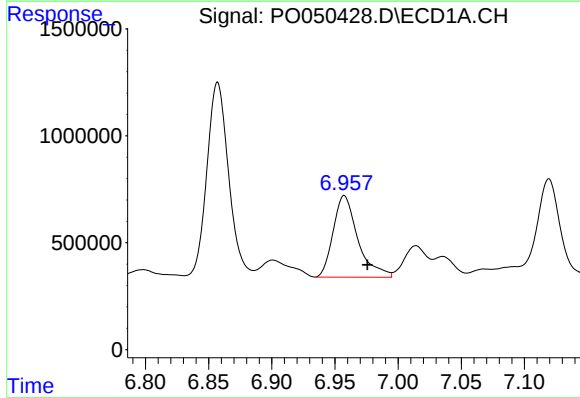
R.T.: 6.591 min  
Delta R.T.: -0.015 min  
Response: 2002844  
Conc: 98.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



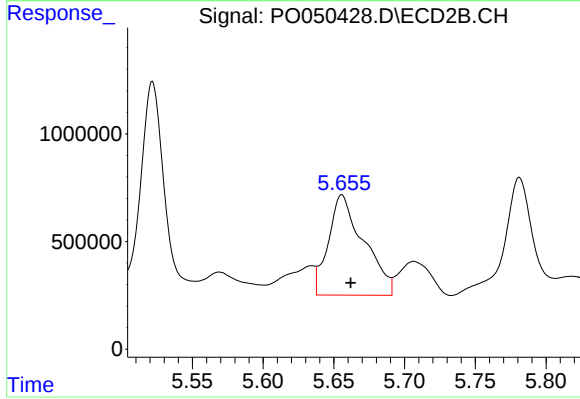
#27 AR-1254-2

R.T.: 5.273 min  
Delta R.T.: -0.006 min  
Response: 1832827  
Conc: 144.25 ng/ml



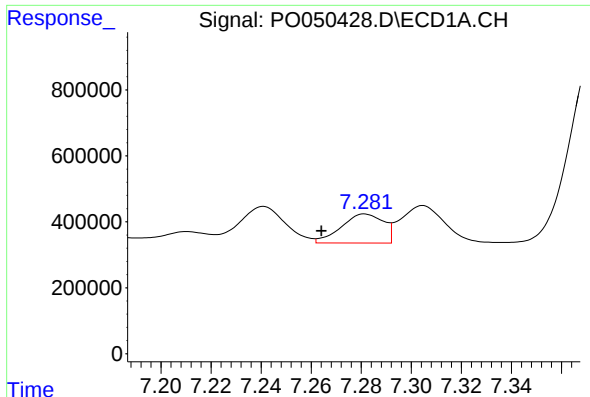
#28 AR-1254-3

R.T.: 6.957 min  
Delta R.T.: -0.018 min  
Response: 5182404  
Conc: 240.03 ng/ml



#28 AR-1254-3

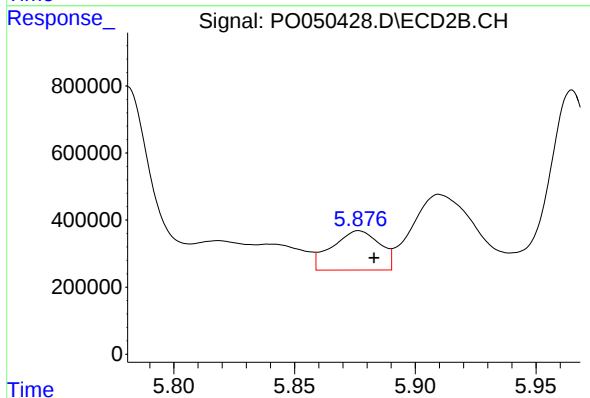
R.T.: 5.656 min  
Delta R.T.: -0.006 min  
Response: 8121078  
Conc: 396.35 ng/ml



#29 AR-1254-4

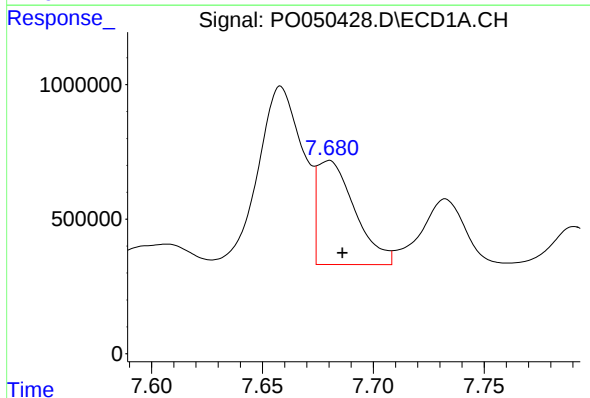
R.T.: 7.281 min  
Delta R.T.: 0.017 min  
Response: 1032869  
Conc: 71.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



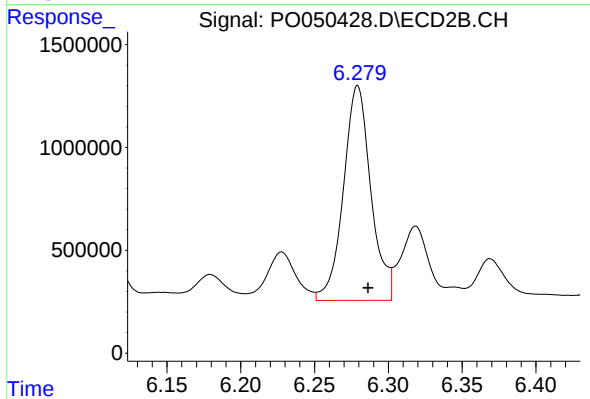
#29 AR-1254-4

R.T.: 5.877 min  
Delta R.T.: -0.006 min  
Response: 1605201  
Conc: 137.84 ng/ml



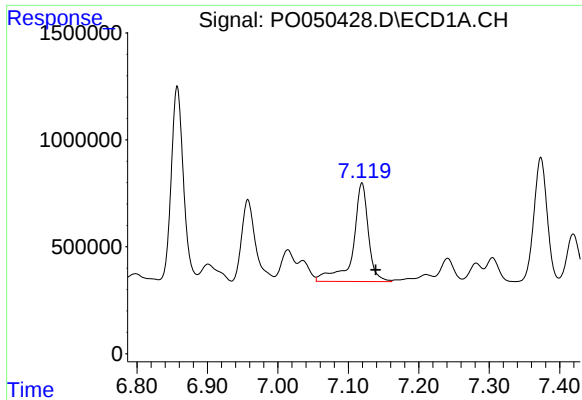
#30 AR-1254-5

R.T.: 7.680 min  
Delta R.T.: -0.006 min  
Response: 4555474  
Conc: 291.96 ng/ml



#30 AR-1254-5

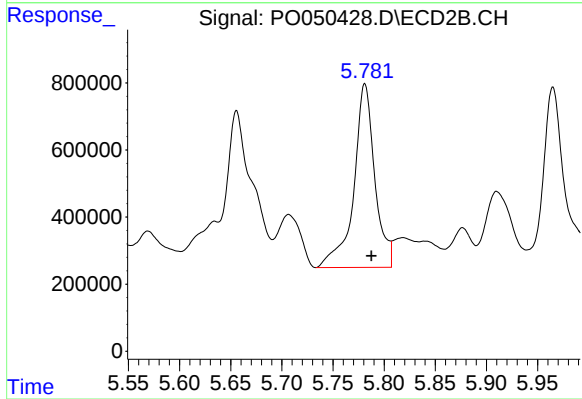
R.T.: 6.279 min  
Delta R.T.: -0.007 min  
Response: 13508900  
Conc: 773.37 ng/ml



#31 AR-1260-1

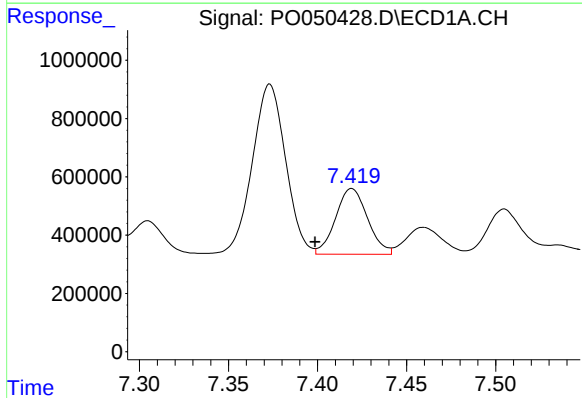
R.T.: 7.119 min  
Delta R.T.: -0.019 min  
Response: 7003540  
Conc: 411.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



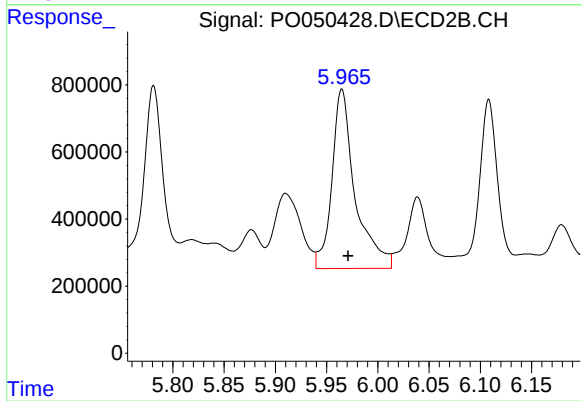
#31 AR-1260-1

R.T.: 5.781 min  
Delta R.T.: -0.007 min  
Response: 7846355  
Conc: 517.92 ng/ml



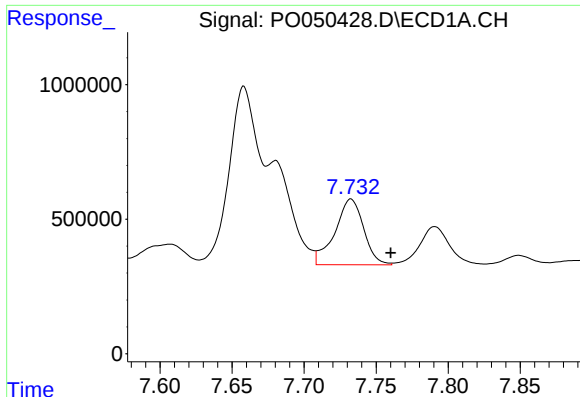
#32 AR-1260-2

R.T.: 7.419 min  
Delta R.T.: 0.021 min  
Response: 2825597  
Conc: 142.88 ng/ml



#32 AR-1260-2

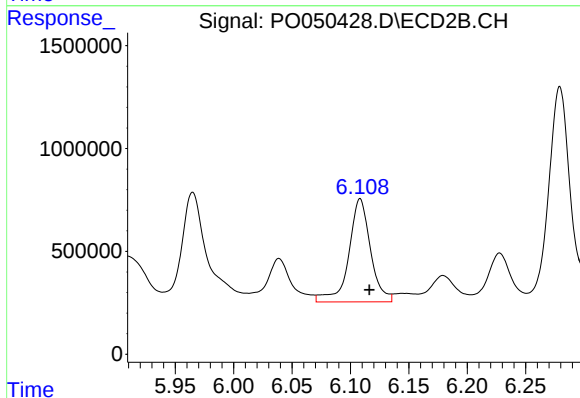
R.T.: 5.965 min  
Delta R.T.: -0.006 min  
Response: 8393736  
Conc: 453.74 ng/ml



#33 AR-1260-3

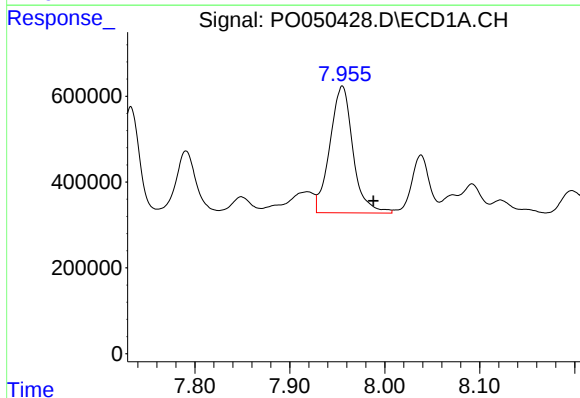
R.T.: 7.733 min  
Delta R.T.: -0.028 min  
Response: 3404300  
Conc: 237.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



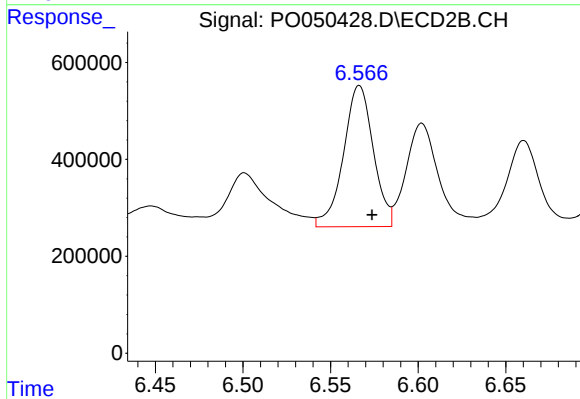
#33 AR-1260-3

R.T.: 6.108 min  
Delta R.T.: -0.008 min  
Response: 6511861  
Conc: 380.47 ng/ml



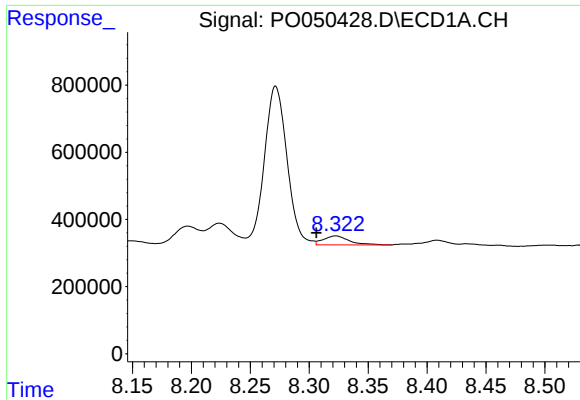
#34 AR-1260-4

R.T.: 7.955 min  
Delta R.T.: -0.033 min  
Response: 4986545  
Conc: 307.96 ng/ml



#34 AR-1260-4

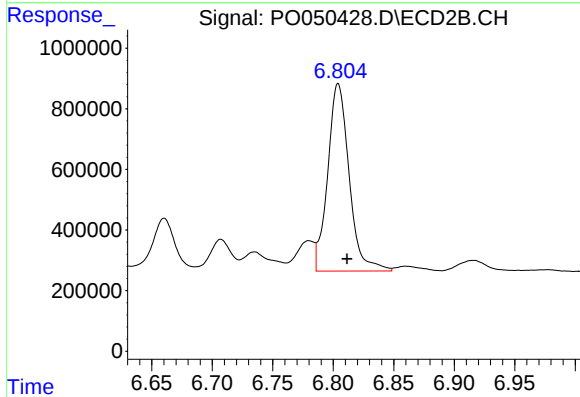
R.T.: 6.566 min  
Delta R.T.: -0.007 min  
Response: 3459118  
Conc: 255.14 ng/ml



#35 AR-1260-5

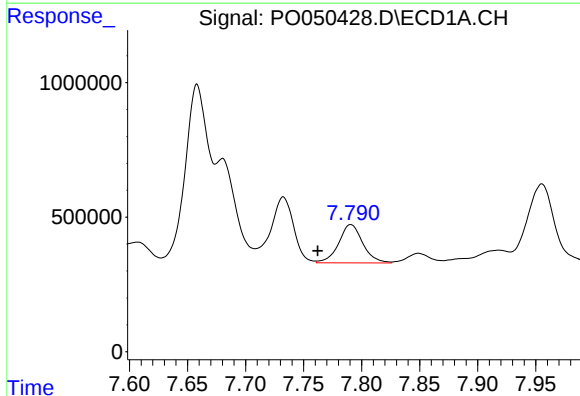
R.T.: 8.323 min  
Delta R.T.: 0.016 min  
Response: 414998  
Conc: 13.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



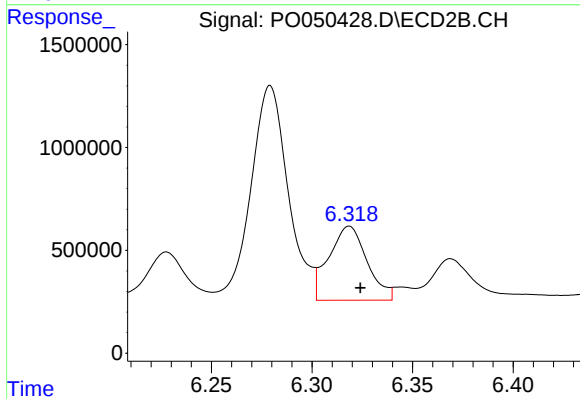
#35 AR-1260-5

R.T.: 6.804 min  
Delta R.T.: -0.007 min  
Response: 7636226  
Conc: 249.89 ng/ml



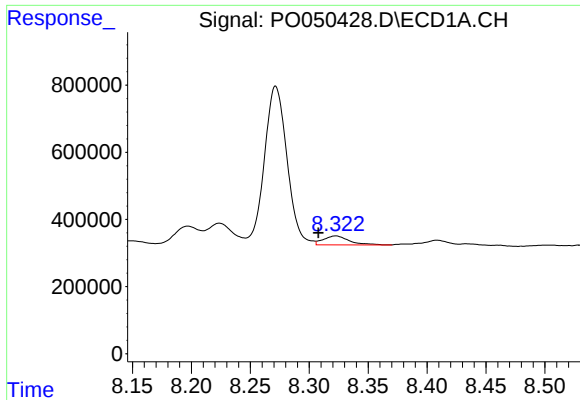
#36 AR-1262-1

R.T.: 7.791 min  
Delta R.T.: 0.028 min  
Response: 2063874  
Conc: 132.31 ng/ml



#36 AR-1262-1

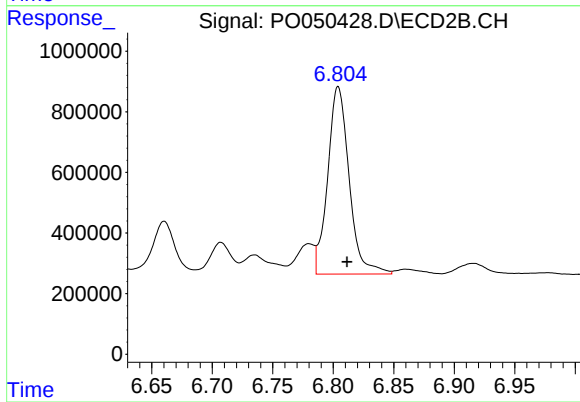
R.T.: 6.319 min  
Delta R.T.: -0.006 min  
Response: 4766089  
Conc: 301.66 ng/ml



#37 AR-1262-2

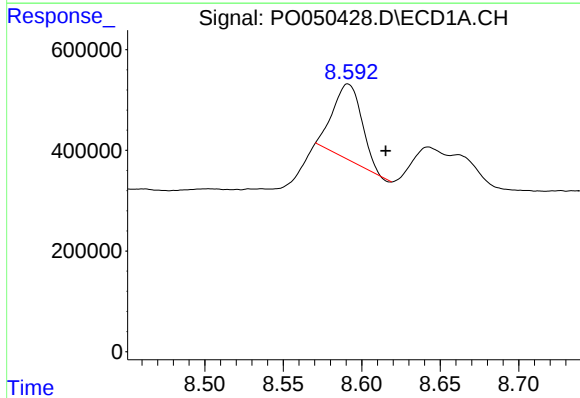
R.T.: 8.323 min  
Delta R.T.: 0.015 min  
Response: 414998  
Conc: 16.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



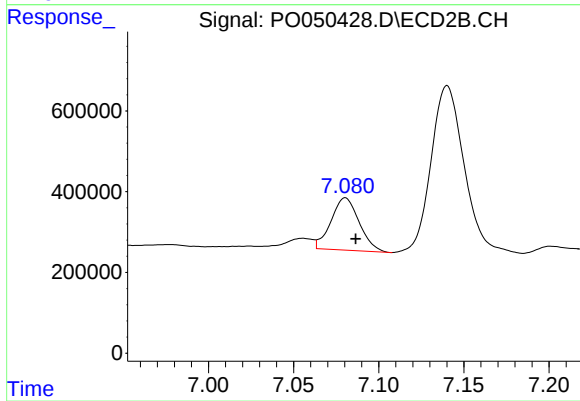
#37 AR-1262-2

R.T.: 6.804 min  
Delta R.T.: -0.007 min  
Response: 7636226  
Conc: 298.22 ng/ml



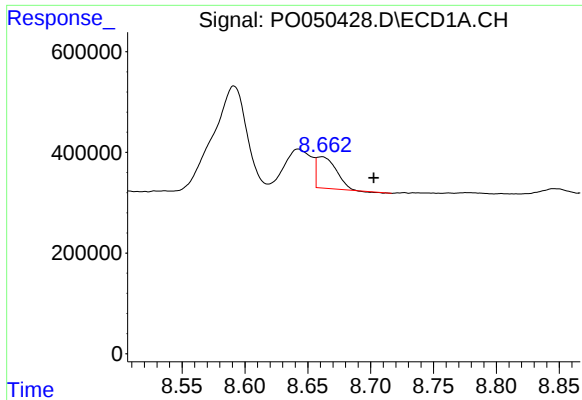
#38 AR-1262-3

R.T.: 8.591 min  
Delta R.T.: -0.024 min  
Response: 1909449  
Conc: 115.04 ng/ml



#38 AR-1262-3

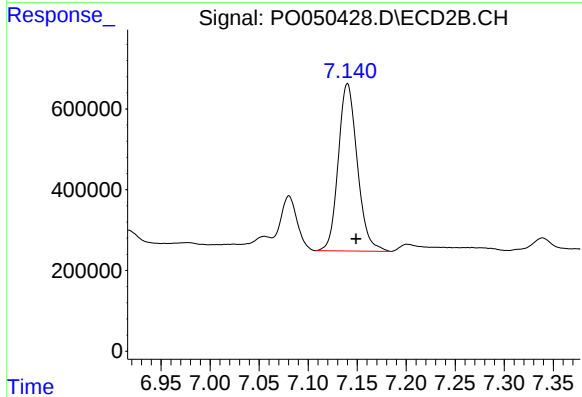
R.T.: 7.080 min  
Delta R.T.: -0.006 min  
Response: 1490755  
Conc: 145.88 ng/ml



#39 AR-1262-4

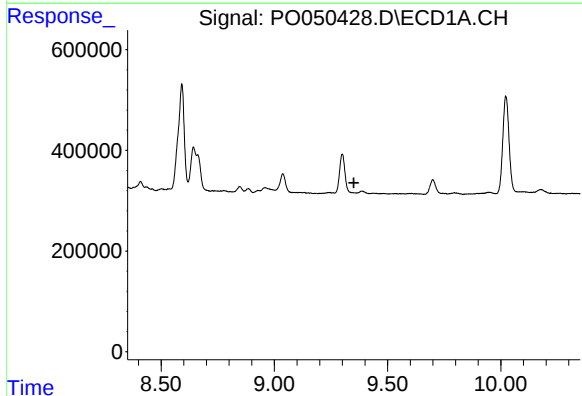
R.T.: 8.661 min  
Delta R.T.: -0.041 min  
Response: 672249  
Conc: 51.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



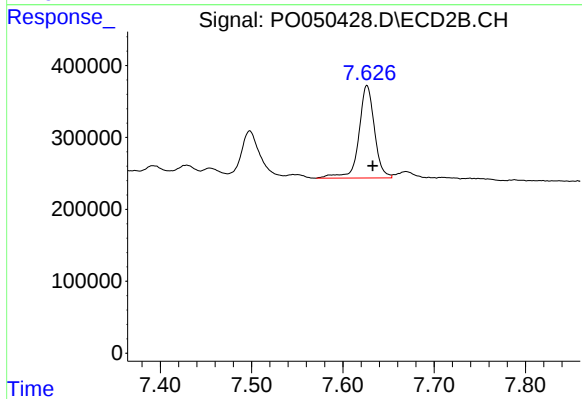
#39 AR-1262-4

R.T.: 7.140 min  
Delta R.T.: -0.009 min  
Response: 5597733  
Conc: 298.38 ng/ml



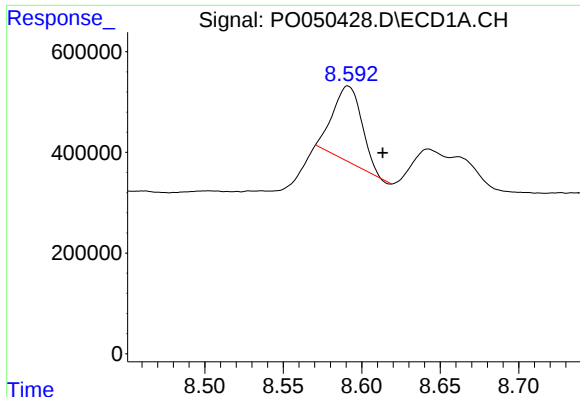
#40 AR-1262-5

R.T.: 9.300 min  
Delta R.T.: -0.051 min  
Response: -875361  
Conc: N.D.



#40 AR-1262-5

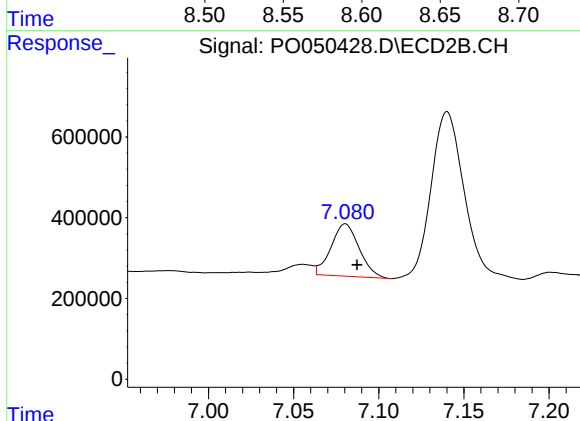
R.T.: 7.626 min  
Delta R.T.: -0.006 min  
Response: 1523728  
Conc: 194.02 ng/ml



#41 AR-1268-1

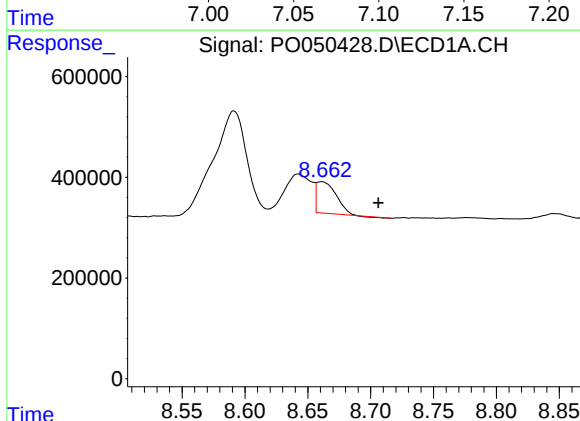
R.T.: 8.591 min  
Delta R.T.: -0.022 min  
Response: 1909449  
Conc: 57.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



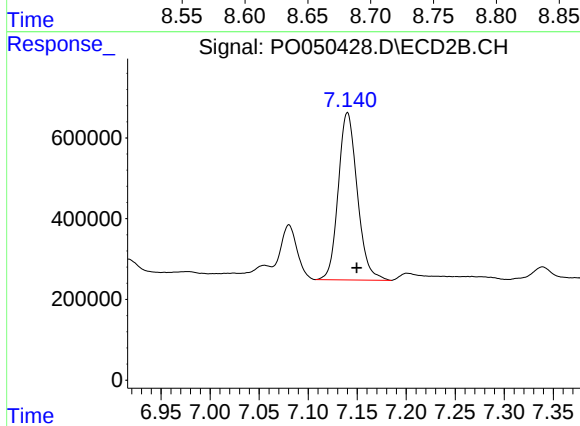
#41 AR-1268-1

R.T.: 7.080 min  
Delta R.T.: -0.007 min  
Response: 1490755  
Conc: 44.24 ng/ml



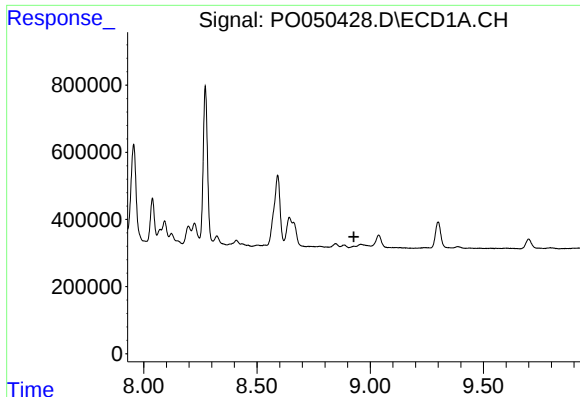
#42 AR-1268-2

R.T.: 8.661 min  
Delta R.T.: -0.045 min  
Response: 672249  
Conc: 21.92 ng/ml



#42 AR-1268-2

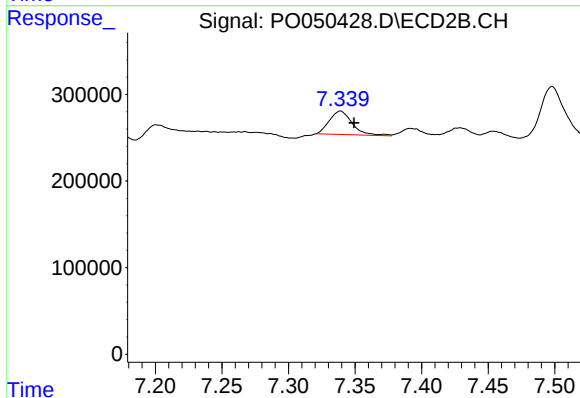
R.T.: 7.140 min  
Delta R.T.: -0.009 min  
Response: 5597733  
Conc: 178.74 ng/ml



#43 AR-1268-3

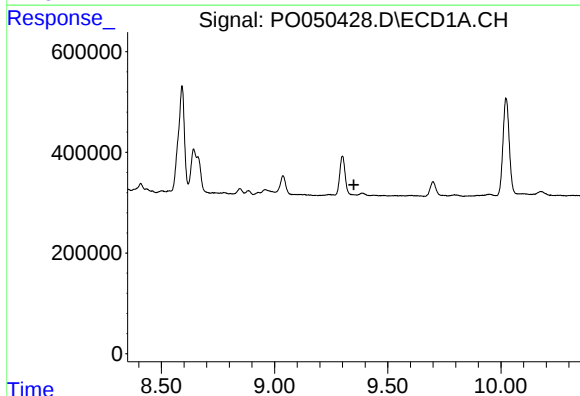
R.T.: 0.000 min  
Exp R.T.: 8.928 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



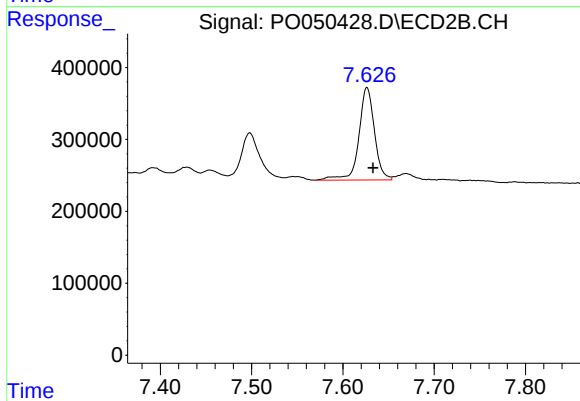
#43 AR-1268-3

R.T.: 7.339 min  
Delta R.T.: -0.010 min  
Response: 325672  
Conc: 12.05 ng/ml



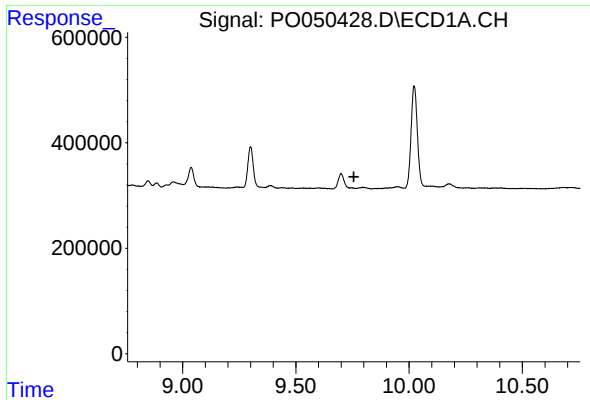
#44 AR-1268-4

R.T.: 9.300 min  
Delta R.T.: -0.051 min  
Response: -875361  
Conc: N.D.



#44 AR-1268-4

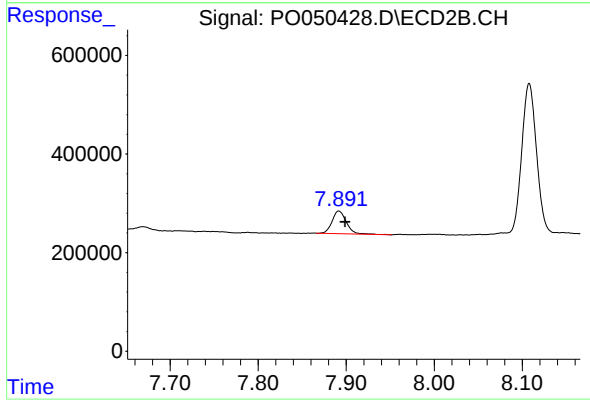
R.T.: 7.626 min  
Delta R.T.: -0.007 min  
Response: 1523728  
Conc: 156.20 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.756 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 7.892 min  
Delta R.T.: -0.007 min  
Response: 520810  
Conc: 6.87 ng/ml