

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110818\  
 Data File : PO051206.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Nov 2018 18:41  
 Operator : SM/SJ  
 Sample : J5764-17  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 07 19:02:42 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 06 00:37:39 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... | 4.341 | 3.339 | 9416630 | 4262139 | 25.241  | 20.659     |
| 2)                          | SA Decachlor... | 9.984 | 8.075 | 5148251 | 2068001 | 17.432  | 9.741 #    |
| Target Compounds            |                 |       |       |         |         |         |            |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.377 | 0       | 869210  | N.D.    | 129.278 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.377 | 0       | 869210  | N.D.    | 78.619 #   |
| 5)                          | L1 AR-1016-3    | 5.660 | 4.537 | 2549121 | 1578061 | 258.605 | 289.719    |
| 6)                          | L1 AR-1016-4    | 5.660 | 4.558 | 2549121 | 1621195 | 320.714 | 360.684    |
| 7)                          | L1 AR-1016-5    | 5.993 | 4.777 | 4019243 | 2137346 | 555.219 | 362.733 #  |
| 12)                         | L3 AR-1232-2    | 5.246 | 4.377 | 2992698 | 869210  | 834.311 | 177.034 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.537 | 0       | 1578061 | N.D.    | 663.856 #  |
| 14)                         | L3 AR-1232-4    | 5.660 | 4.623 | 2549121 | 3465378 | 738.139 | 1742.671 # |
| 15)                         | L3 AR-1232-5    | 5.785 | 4.777 | 2138241 | 2137346 | 856.097 | 941.656    |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.377 | 0       | 869210  | N.D.    | 151.018 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.377 | 0       | 869210  | N.D.    | 89.631 #   |
| 18)                         | L4 AR-1242-3    | 5.660 | 4.537 | 2549121 | 1578061 | 274.156 | 321.956    |
| 19)                         | L4 AR-1242-4    | 5.728 | 4.623 | 3258851 | 3465378 | 433.387 | 722.818 #  |
| 20)                         | L4 AR-1242-5    | 6.388 | 5.110 | 3947366 | 451812  | 527.524 | 70.139 #   |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.377 | 0       | 869210  | N.D.    | 202.240 #  |
| 22)                         | L5 AR-1248-2    | 5.785 | 4.558 | 2138241 | 1621195 | 226.039 | 260.228    |
| 23)                         | L5 AR-1248-3    | 5.993 | 4.623 | 4019243 | 3465378 | 374.529 | 561.015 #  |
| 24)                         | L5 AR-1248-4    | 6.388 | 4.777 | 3947366 | 2137346 | 321.820 | 296.259    |
| 25)                         | L5 AR-1248-5    | 6.388 | 5.110 | 3947366 | 451812  | 337.687 | 57.812 #   |
| 26)                         | L6 AR-1254-1    | 6.365 | 5.110 | 3104043 | 451812  | 225.292 | 32.290 #   |
| 27)                         | L6 AR-1254-2    | 6.582 | 5.290 | 3686086 | 3735237 | 170.715 | 299.517 #  |
| 28)                         | L6 AR-1254-3    | 6.947 | 0.000 | 1255648 | 0       | 55.052  | N.D. #     |
| 30)                         | L6 AR-1254-5    | 7.635 | 6.252 | 363117  | 348453  | 20.414  | 17.744     |
| 31)                         | L7 AR-1260-1    | 7.096 | 0.000 | 3503103 | 0       | 229.435 | N.D. #     |
| 32)                         | L7 AR-1260-2    | 7.349 | 0.000 | 1235743 | 0       | 63.194  | N.D. #     |
| 33)                         | L7 AR-1260-3    | 7.711 | 6.082 | 839533  | 435922  | 66.540  | 28.172 #   |
| 34)                         | L7 AR-1260-4    | 7.897 | 0.000 | 3647123 | 0       | 259.160 | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.243 | 0.000 | 2899063 | 0       | 100.605 | N.D. #     |
| 36)                         | L8 AR-1262-1    | 7.711 | 6.252 | 839533  | 348453  | 35.167  | 14.167 #   |
| 37)                         | L8 AR-1262-2    | 8.243 | 0.000 | 2899063 | 0       | 73.857  | N.D. #     |
| 38)                         | L8 AR-1262-3    | 8.601 | 0.000 | 1466873 | 0       | 57.587  | N.D. #     |
| 39)                         | L8 AR-1262-4    | 8.601 | 0.000 | 1466873 | 0       | 70.523  | N.D. #     |
| 40)                         | L8 AR-1262-5    | 9.257 | 0.000 | 5879453 | 0       | 460.900 | N.D. #     |
| 41)                         | L9 AR-1268-1    | 8.601 | 0.000 | 1466873 | 0       | 27.913  | N.D. #     |
| 42)                         | L9 AR-1268-2    | 8.601 | 0.000 | 1466873 | 0       | 30.775  | N.D. #     |
| 43)                         | L9 AR-1268-3    | 8.850 | 0.000 | 448575  | 0       | 10.399  | N.D. #     |
| 44)                         | L9 AR-1268-4    | 9.257 | 0.000 | 5879453 | 0       | 379.684 | N.D. #     |
| -----                       |                 |       |       |         |         |         |            |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110818\  
Data File : PO051206.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Nov 2018 18:41  
Operator : SM/SJ  
Sample : J5764-17  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

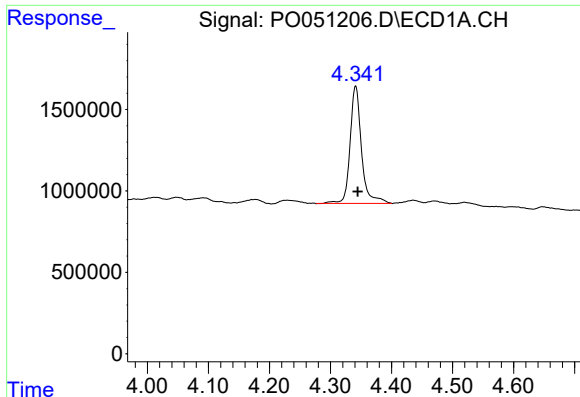
Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 07 19:02:42 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 06 00:37:39 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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

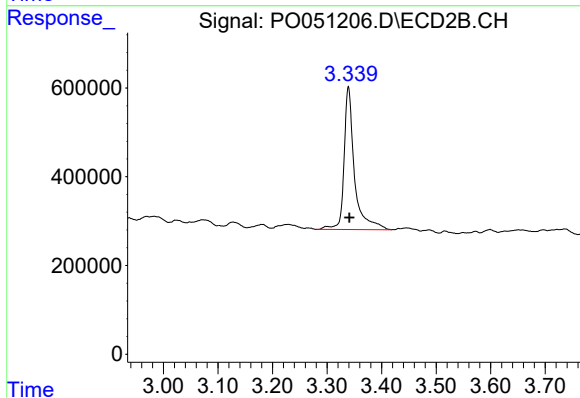




#1 Tetrachloro-m-xylene

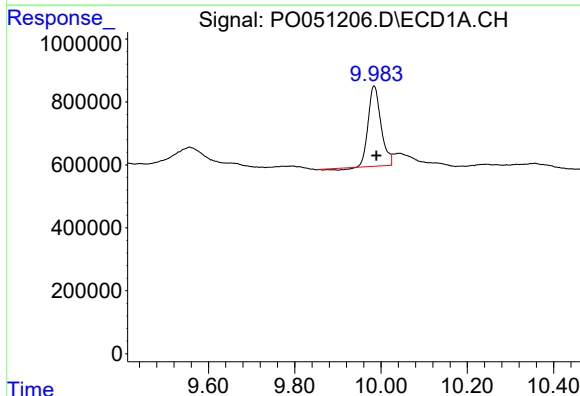
R.T.: 4.341 min  
Delta R.T.: -0.004 min  
Response: 9416630  
Conc: 25.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



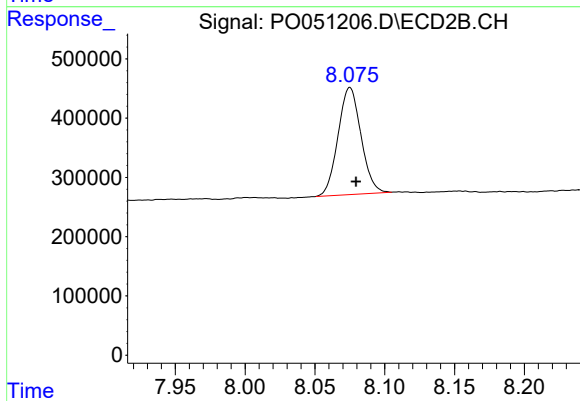
#1 Tetrachloro-m-xylene

R.T.: 3.339 min  
Delta R.T.: -0.002 min  
Response: 4262139  
Conc: 20.66 ng/ml



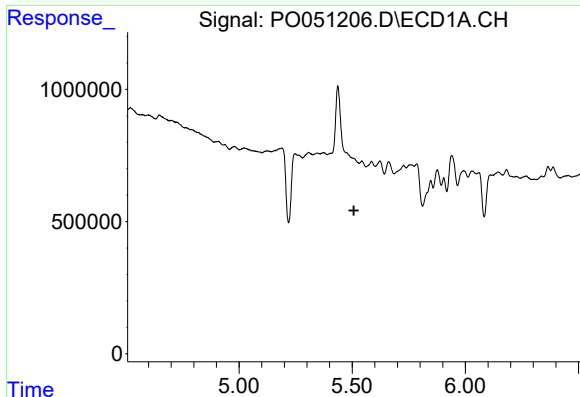
#2 Decachlorobiphenyl

R.T.: 9.984 min  
Delta R.T.: -0.005 min  
Response: 5148251  
Conc: 17.43 ng/ml



#2 Decachlorobiphenyl

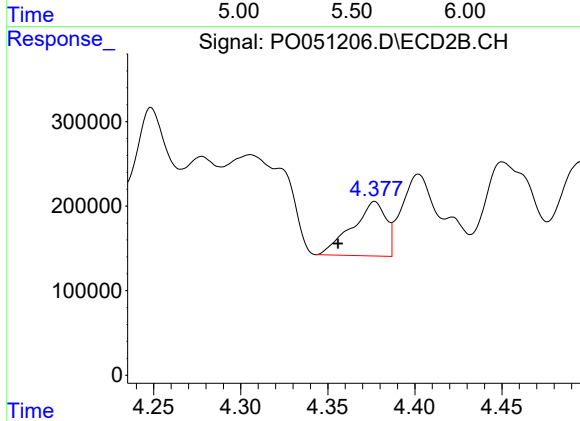
R.T.: 8.075 min  
Delta R.T.: -0.004 min  
Response: 2068001  
Conc: 9.74 ng/ml



#3 AR-1016-1

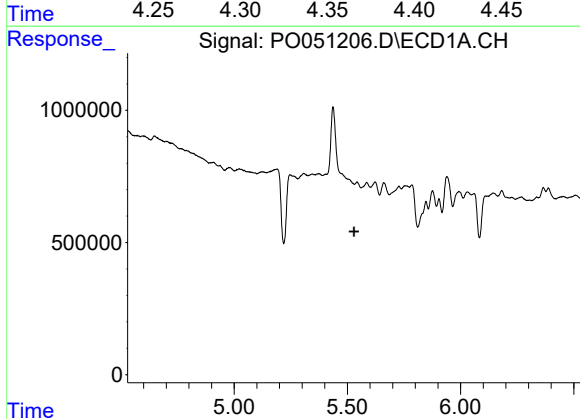
R.T.: 0.000 min  
Exp R.T.: 5.507 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



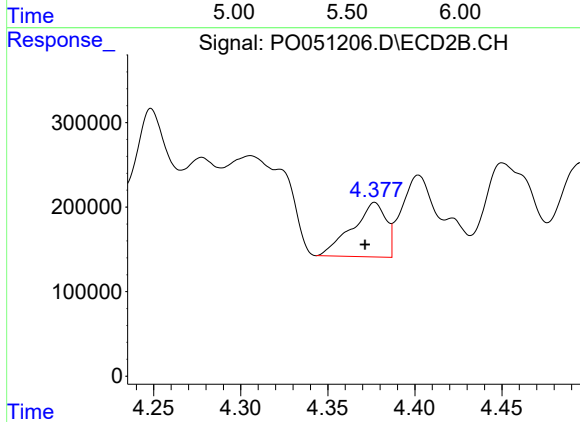
#3 AR-1016-1

R.T.: 4.377 min  
Delta R.T.: 0.021 min  
Response: 869210  
Conc: 129.28 ng/ml



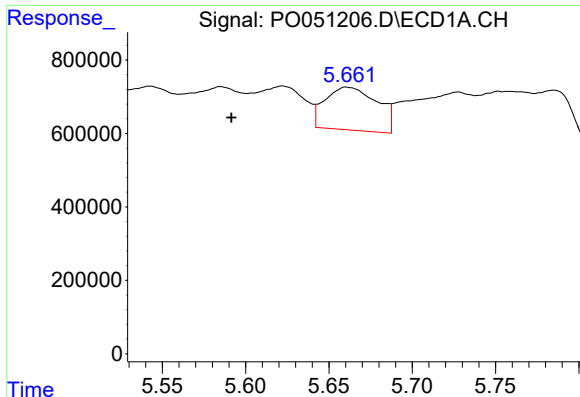
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.529 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

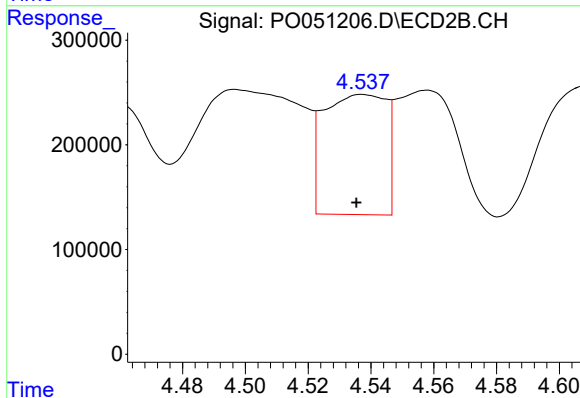
R.T.: 4.377 min  
Delta R.T.: 0.006 min  
Response: 869210  
Conc: 78.62 ng/ml



#5 AR-1016-3

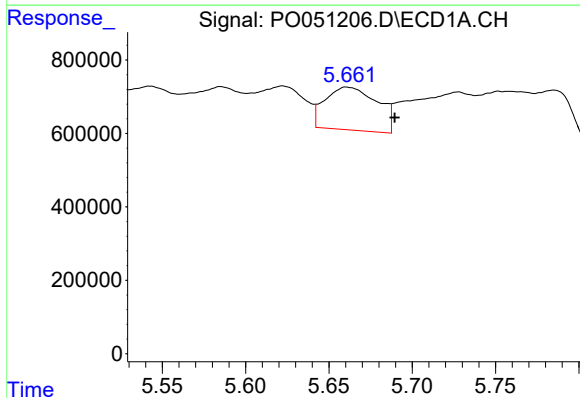
R.T.: 5.660 min  
Delta R.T.: 0.069 min  
Response: 2549121  
Conc: 258.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



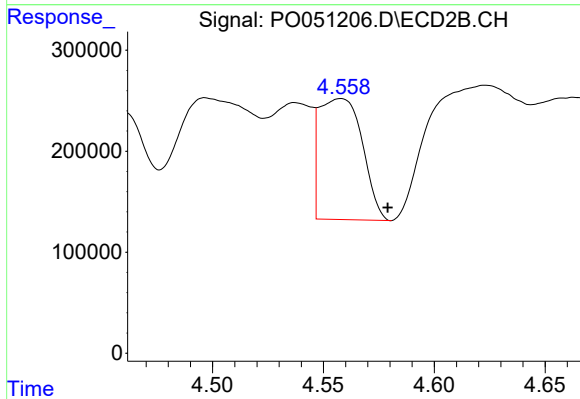
#5 AR-1016-3

R.T.: 4.537 min  
Delta R.T.: 0.002 min  
Response: 1578061  
Conc: 289.72 ng/ml



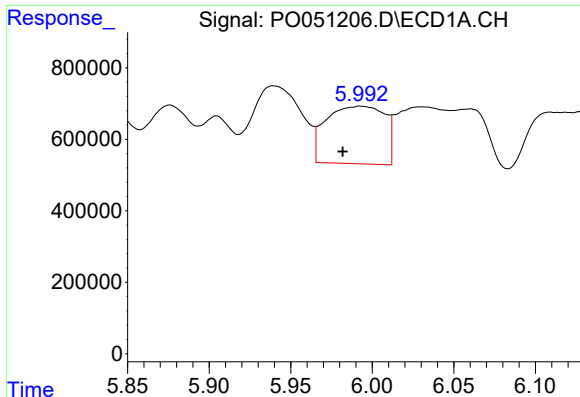
#6 AR-1016-4

R.T.: 5.660 min  
Delta R.T.: -0.029 min  
Response: 2549121  
Conc: 320.71 ng/ml



#6 AR-1016-4

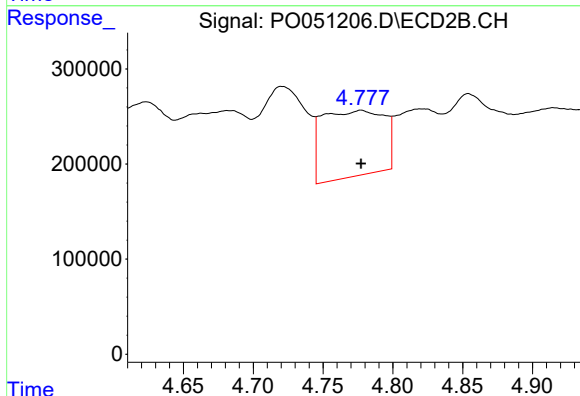
R.T.: 4.558 min  
Delta R.T.: -0.021 min  
Response: 1621195  
Conc: 360.68 ng/ml



#7 AR-1016-5

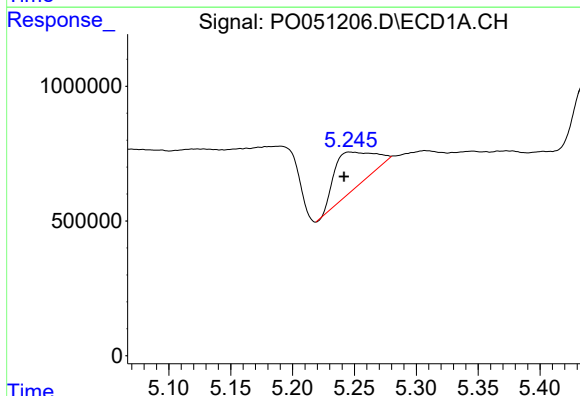
R.T.: 5.993 min  
Delta R.T.: 0.011 min  
Response: 4019243  
Conc: 555.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



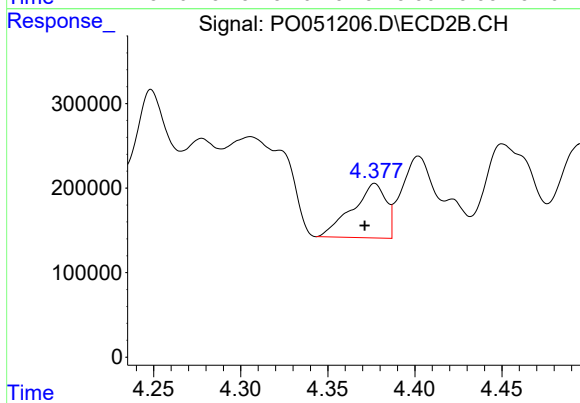
#7 AR-1016-5

R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 2137346  
Conc: 362.73 ng/ml



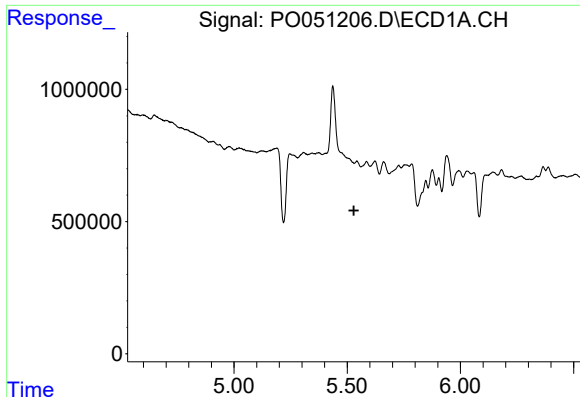
#12 AR-1232-2

R.T.: 5.246 min  
Delta R.T.: 0.004 min  
Response: 2992698  
Conc: 834.31 ng/ml



#12 AR-1232-2

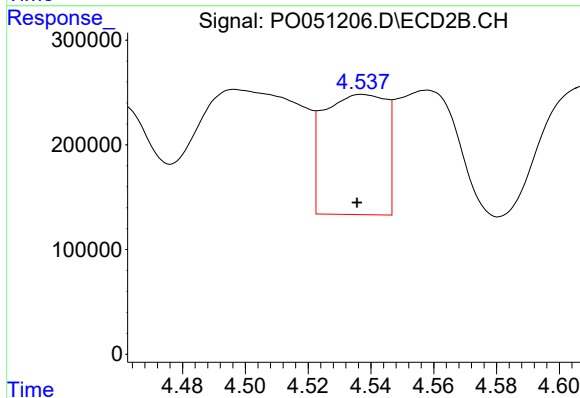
R.T.: 4.377 min  
Delta R.T.: 0.006 min  
Response: 869210  
Conc: 177.03 ng/ml



#13 AR-1232-3

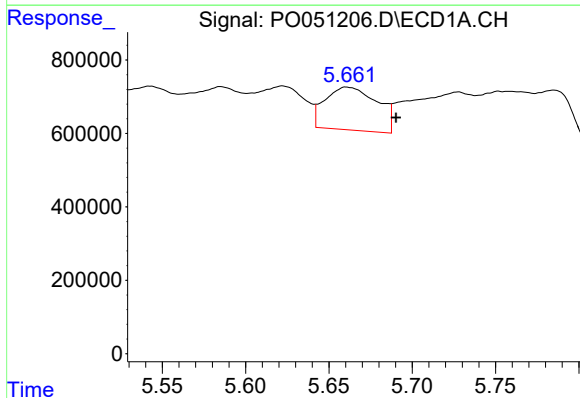
R.T.: 0.000 min  
Exp R.T.: 5.530 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



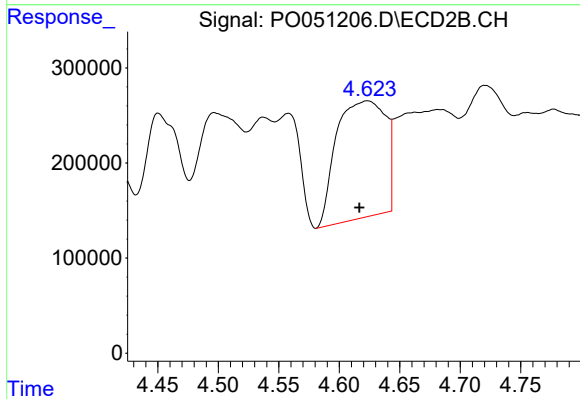
#13 AR-1232-3

R.T.: 4.537 min  
Delta R.T.: 0.002 min  
Response: 1578061  
Conc: 663.86 ng/ml



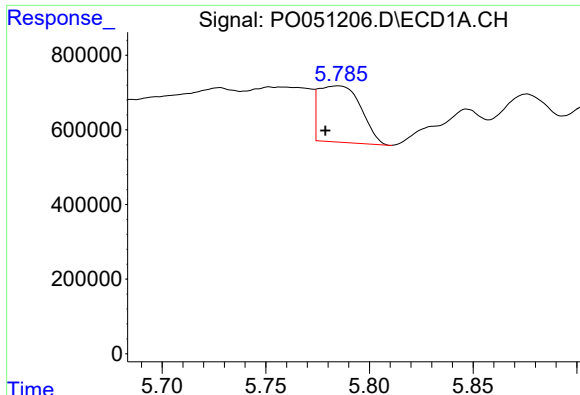
#14 AR-1232-4

R.T.: 5.660 min  
Delta R.T.: -0.030 min  
Response: 2549121  
Conc: 738.14 ng/ml



#14 AR-1232-4

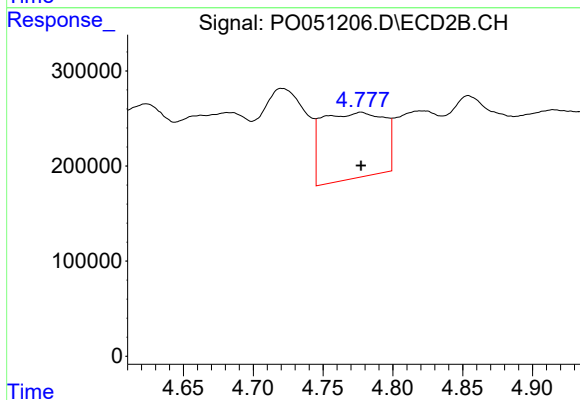
R.T.: 4.623 min  
Delta R.T.: 0.007 min  
Response: 3465378  
Conc: 1742.67 ng/ml



#15 AR-1232-5

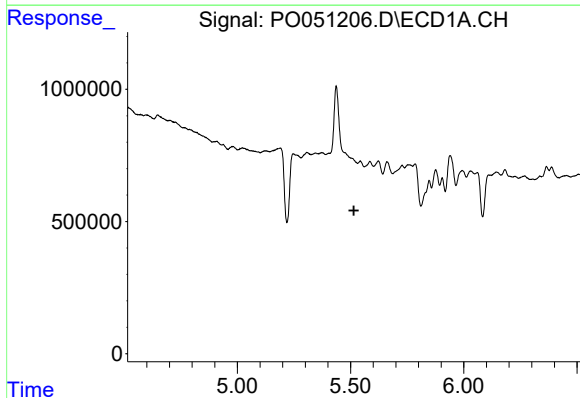
R.T.: 5.785 min  
Delta R.T.: 0.006 min  
Response: 2138241  
Conc: 856.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



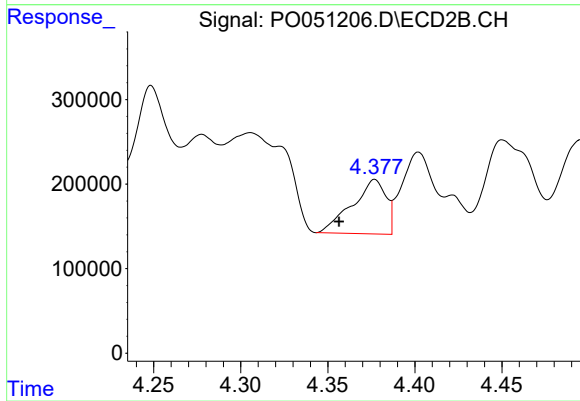
#15 AR-1232-5

R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 2137346  
Conc: 941.66 ng/ml



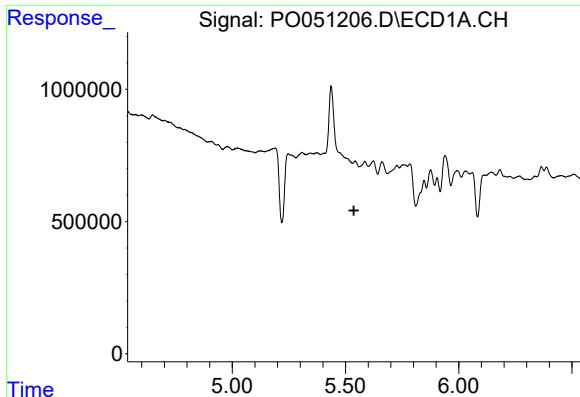
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

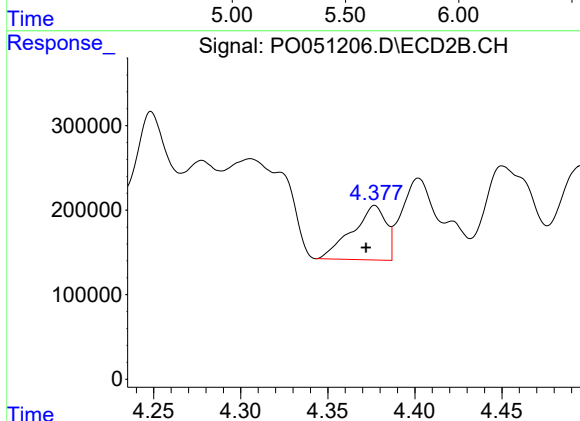
R.T.: 4.377 min  
Delta R.T.: 0.020 min  
Response: 869210  
Conc: 151.02 ng/ml



#17 AR-1242-2

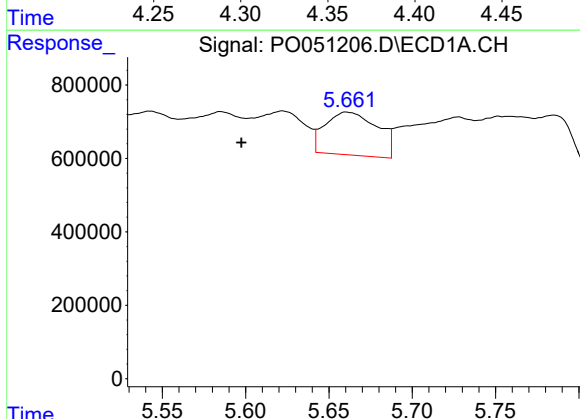
R.T.: 0.000 min  
Exp R.T.: 5.537 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



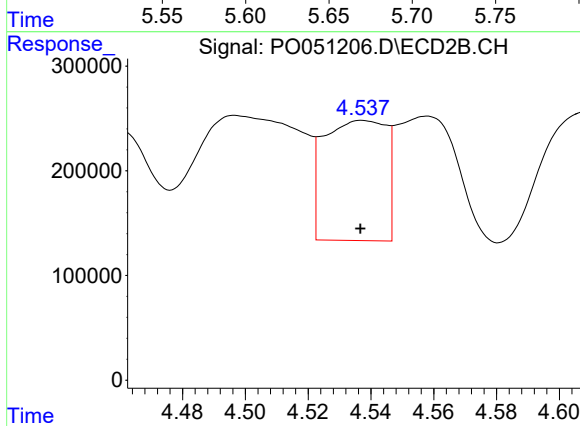
#17 AR-1242-2

R.T.: 4.377 min  
Delta R.T.: 0.005 min  
Response: 869210  
Conc: 89.63 ng/ml



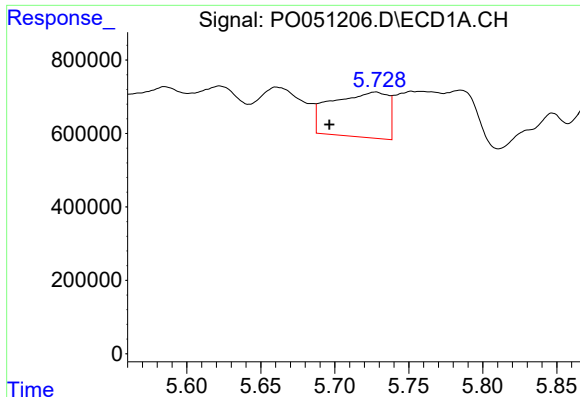
#18 AR-1242-3

R.T.: 5.660 min  
Delta R.T.: 0.063 min  
Response: 2549121  
Conc: 274.16 ng/ml



#18 AR-1242-3

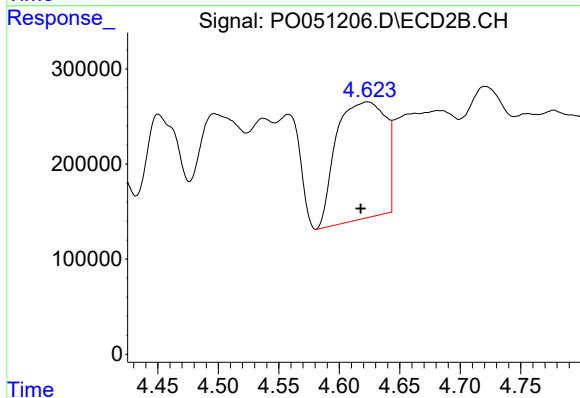
R.T.: 4.537 min  
Delta R.T.: 0.000 min  
Response: 1578061  
Conc: 321.96 ng/ml



#19 AR-1242-4

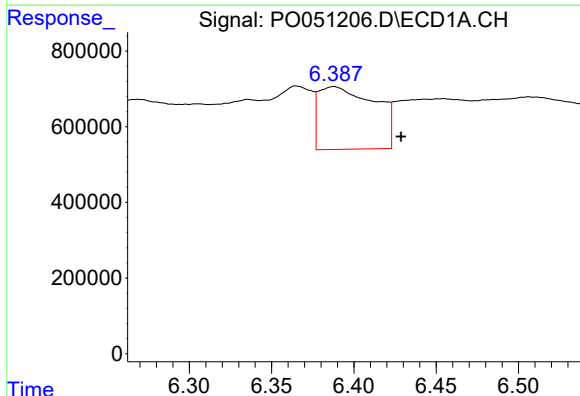
R.T.: 5.728 min  
Delta R.T.: 0.031 min  
Response: 3258851  
Conc: 433.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



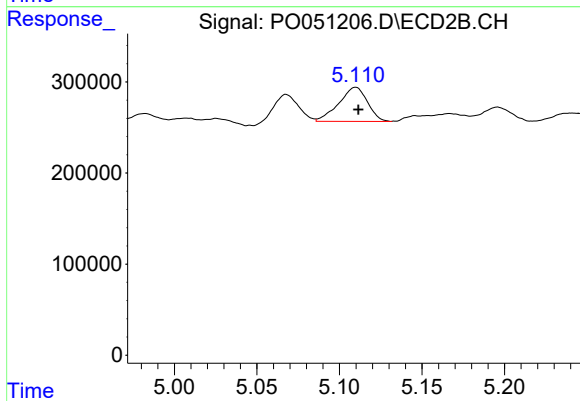
#19 AR-1242-4

R.T.: 4.623 min  
Delta R.T.: 0.005 min  
Response: 3465378  
Conc: 722.82 ng/ml



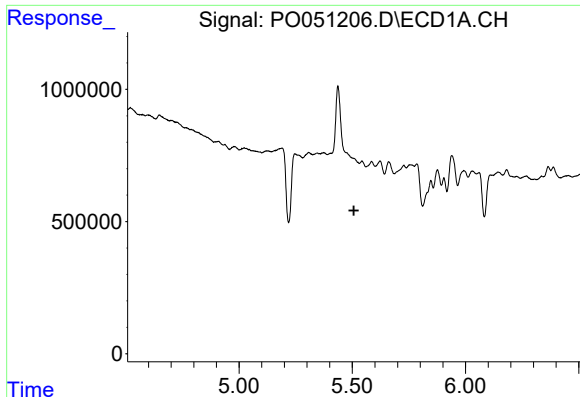
#20 AR-1242-5

R.T.: 6.388 min  
Delta R.T.: -0.041 min  
Response: 3947366  
Conc: 527.52 ng/ml



#20 AR-1242-5

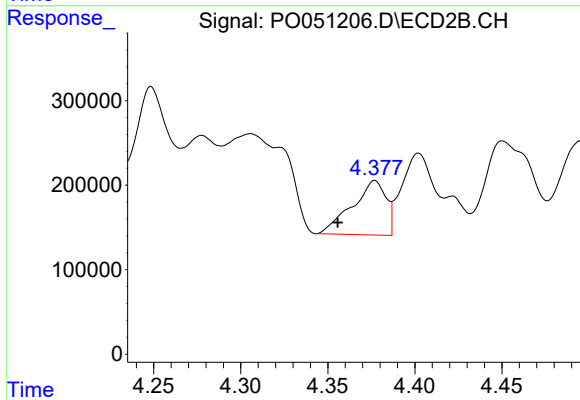
R.T.: 5.110 min  
Delta R.T.: -0.002 min  
Response: 451812  
Conc: 70.14 ng/ml



#21 AR-1248-1

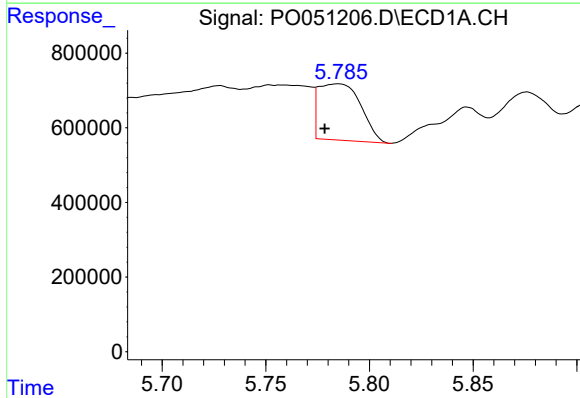
R.T.: 0.000 min  
Exp R.T.: 5.507 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



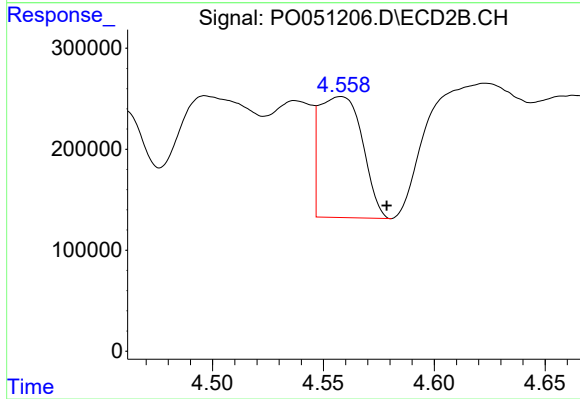
#21 AR-1248-1

R.T.: 4.377 min  
Delta R.T.: 0.021 min  
Response: 869210  
Conc: 202.24 ng/ml



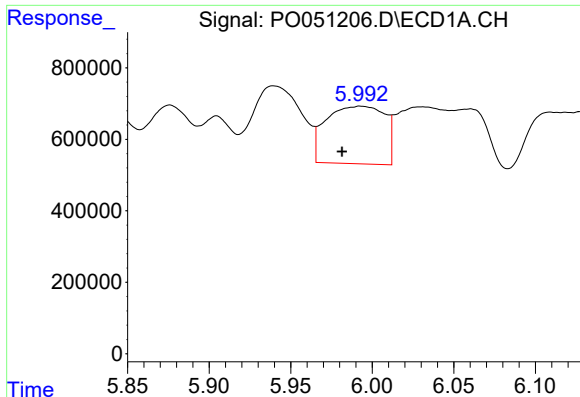
#22 AR-1248-2

R.T.: 5.785 min  
Delta R.T.: 0.006 min  
Response: 2138241  
Conc: 226.04 ng/ml



#22 AR-1248-2

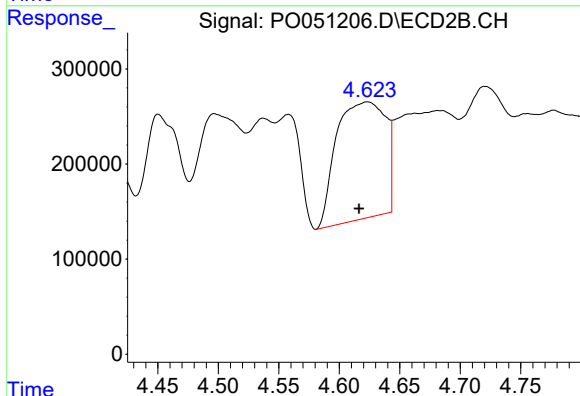
R.T.: 4.558 min  
Delta R.T.: -0.021 min  
Response: 1621195  
Conc: 260.23 ng/ml



#23 AR-1248-3

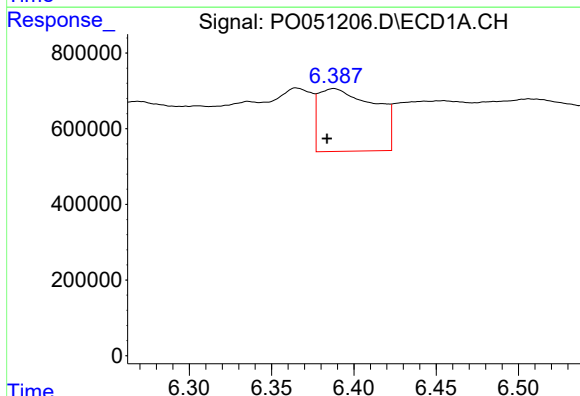
R.T.: 5.993 min  
Delta R.T.: 0.011 min  
Response: 4019243  
Conc: 374.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



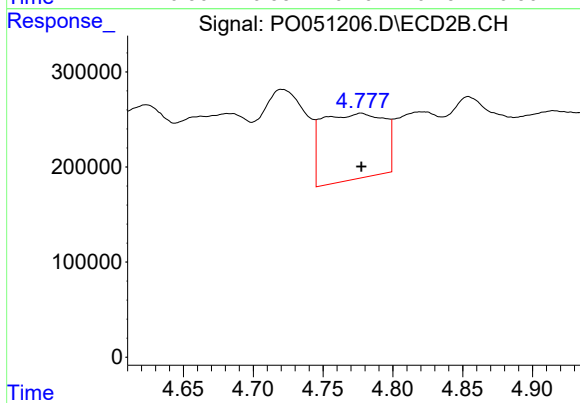
#23 AR-1248-3

R.T.: 4.623 min  
Delta R.T.: 0.007 min  
Response: 3465378  
Conc: 561.01 ng/ml



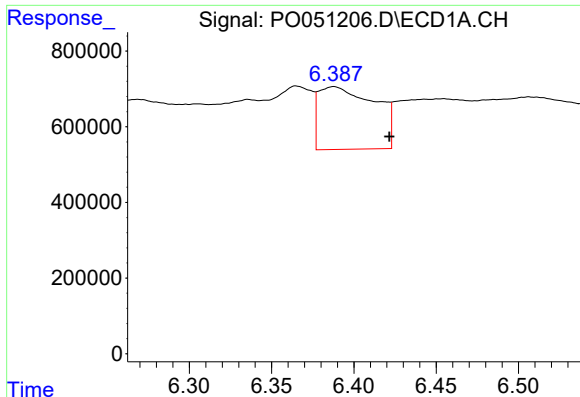
#24 AR-1248-4

R.T.: 6.388 min  
Delta R.T.: 0.004 min  
Response: 3947366  
Conc: 321.82 ng/ml



#24 AR-1248-4

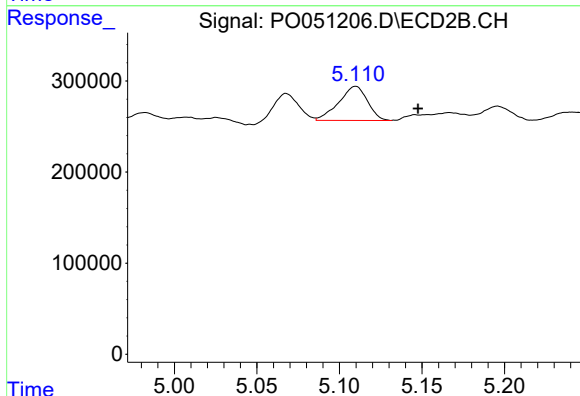
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 2137346  
Conc: 296.26 ng/ml



#25 AR-1248-5

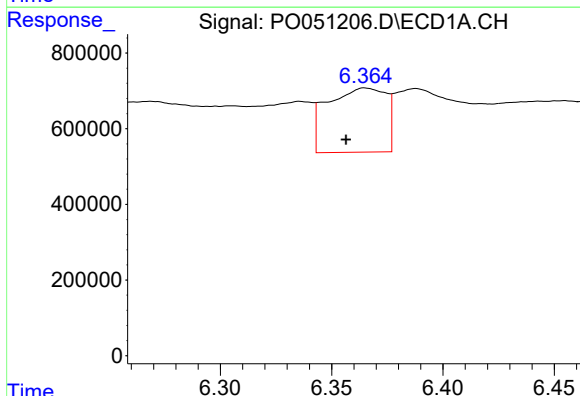
R.T.: 6.388 min  
Delta R.T.: -0.034 min  
Response: 3947366  
Conc: 337.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



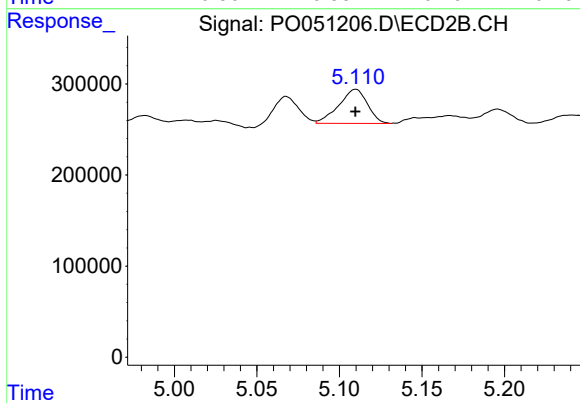
#25 AR-1248-5

R.T.: 5.110 min  
Delta R.T.: -0.038 min  
Response: 451812  
Conc: 57.81 ng/ml



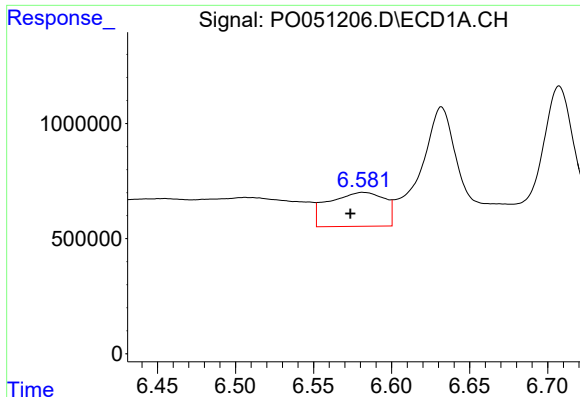
#26 AR-1254-1

R.T.: 6.365 min  
Delta R.T.: 0.009 min  
Response: 3104043  
Conc: 225.29 ng/ml



#26 AR-1254-1

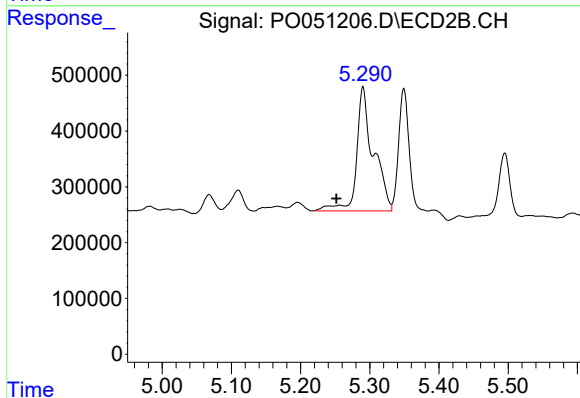
R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 451812  
Conc: 32.29 ng/ml



#27 AR-1254-2

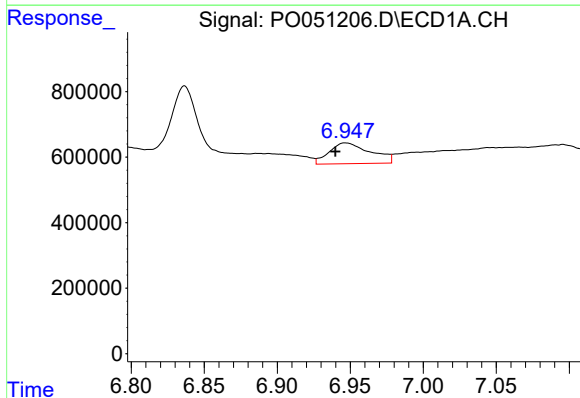
R.T.: 6.582 min  
Delta R.T.: 0.008 min  
Response: 3686086  
Conc: 170.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



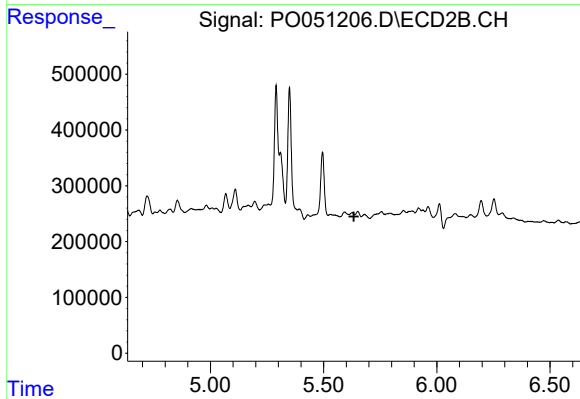
#27 AR-1254-2

R.T.: 5.290 min  
Delta R.T.: 0.039 min  
Response: 3735237  
Conc: 299.52 ng/ml



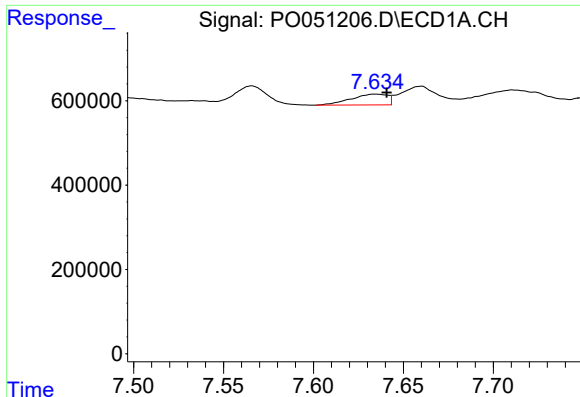
#28 AR-1254-3

R.T.: 6.947 min  
Delta R.T.: 0.007 min  
Response: 1255648  
Conc: 55.05 ng/ml



#28 AR-1254-3

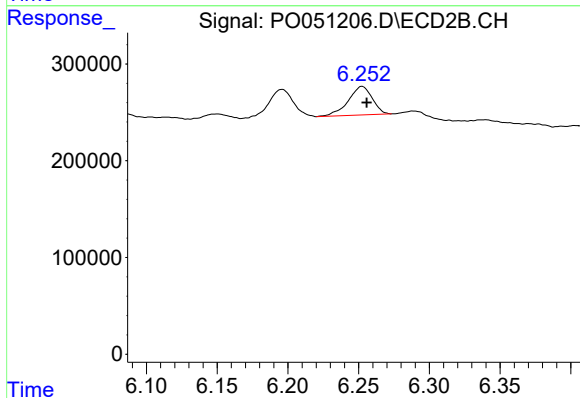
R.T.: 0.000 min  
Exp R.T. : 5.634 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

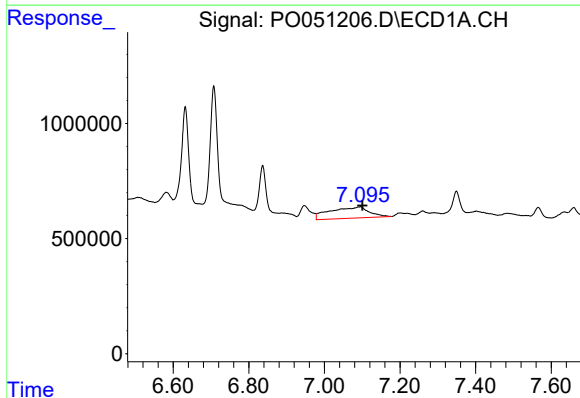
R.T.: 7.635 min  
Delta R.T.: -0.006 min  
Response: 363117  
Conc: 20.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



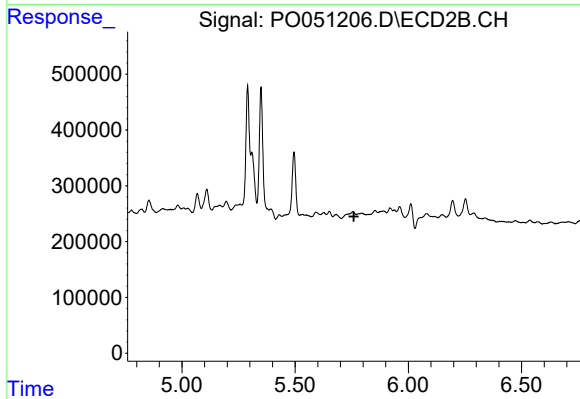
#30 AR-1254-5

R.T.: 6.252 min  
Delta R.T.: -0.003 min  
Response: 348453  
Conc: 17.74 ng/ml



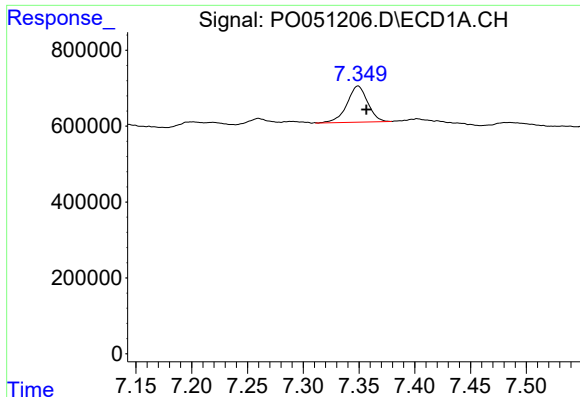
#31 AR-1260-1

R.T.: 7.096 min  
Delta R.T.: -0.005 min  
Response: 3503103  
Conc: 229.43 ng/ml



#31 AR-1260-1

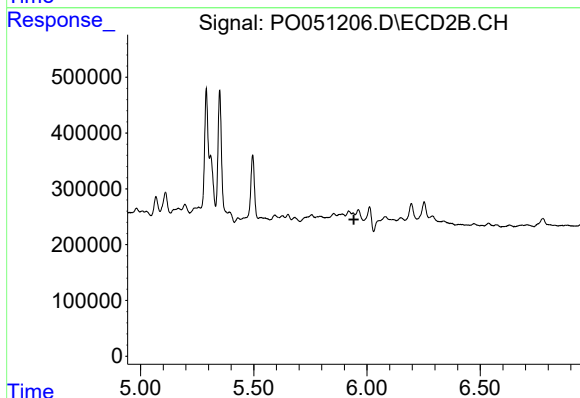
R.T.: 0.000 min  
Exp R.T.: 5.759 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

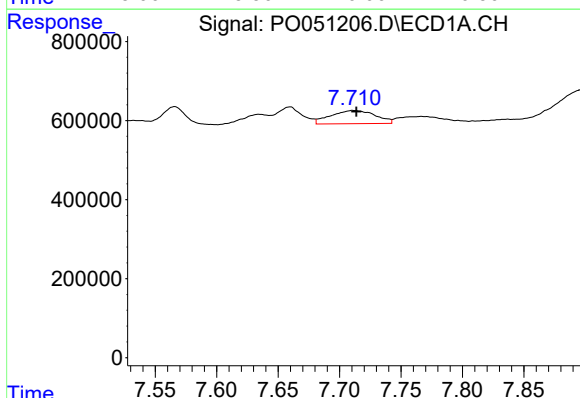
R.T.: 7.349 min  
Delta R.T.: -0.008 min  
Response: 1235743  
Conc: 63.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



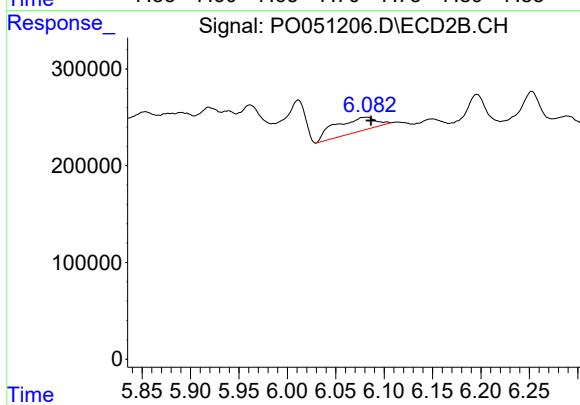
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 5.942 min  
Response: 0  
Conc: N.D.



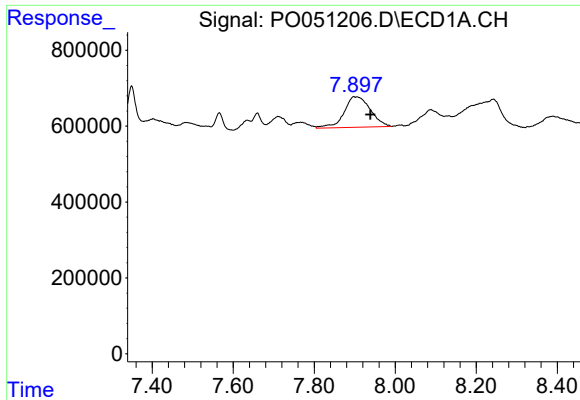
#33 AR-1260-3

R.T.: 7.711 min  
Delta R.T.: -0.003 min  
Response: 839533  
Conc: 66.54 ng/ml



#33 AR-1260-3

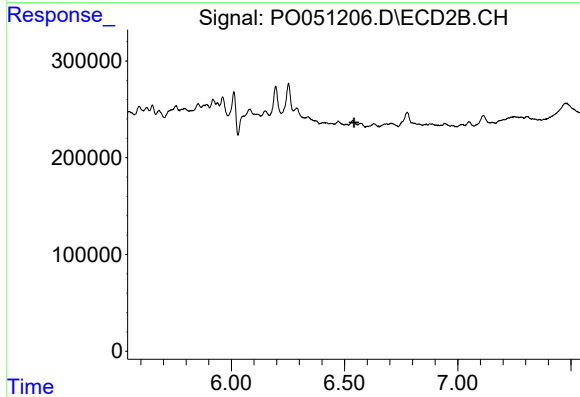
R.T.: 6.082 min  
Delta R.T.: -0.004 min  
Response: 435922  
Conc: 28.17 ng/ml



#34 AR-1260-4

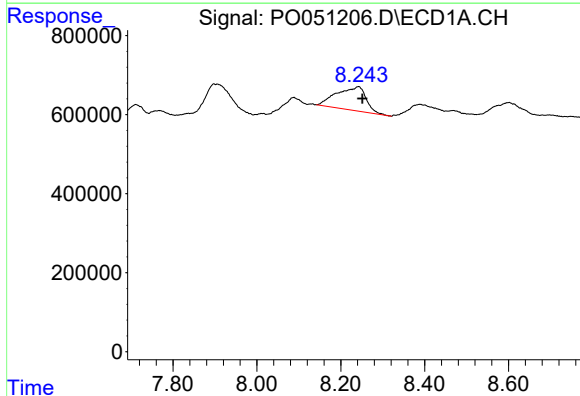
R.T.: 7.897 min  
Delta R.T.: -0.041 min  
Response: 3647123  
Conc: 259.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



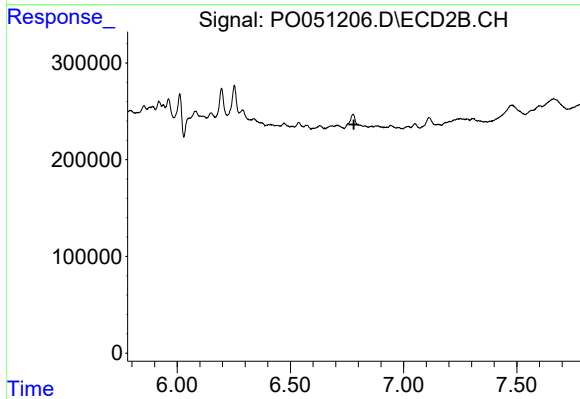
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.542 min  
Response: 0  
Conc: N.D.



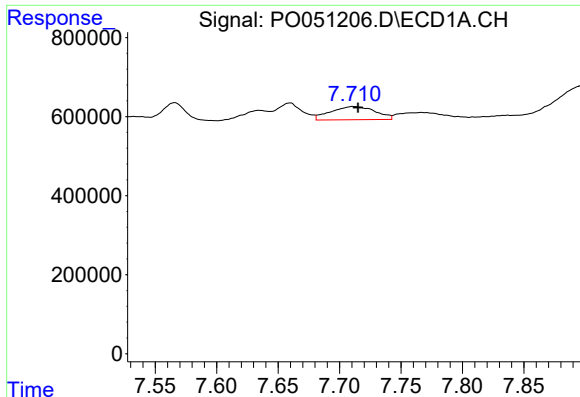
#35 AR-1260-5

R.T.: 8.243 min  
Delta R.T.: -0.009 min  
Response: 2899063  
Conc: 100.61 ng/ml



#35 AR-1260-5

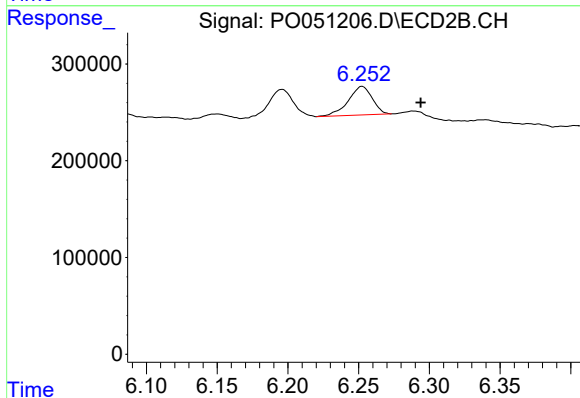
R.T.: 0.000 min  
Exp R.T. : 6.781 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

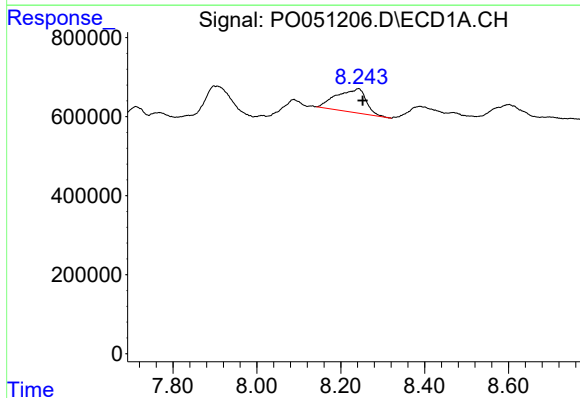
R.T.: 7.711 min  
Delta R.T.: -0.004 min  
Response: 839533  
Conc: 35.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



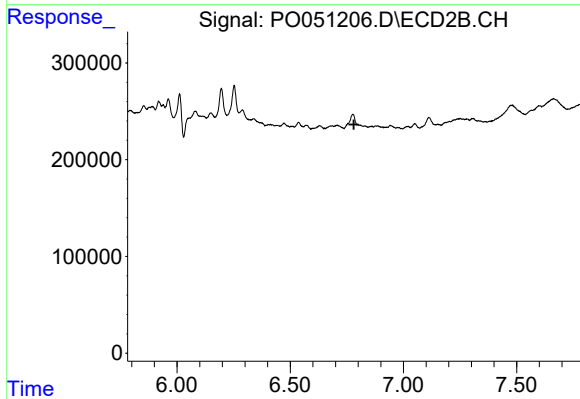
#36 AR-1262-1

R.T.: 6.252 min  
Delta R.T.: -0.041 min  
Response: 348453  
Conc: 14.17 ng/ml



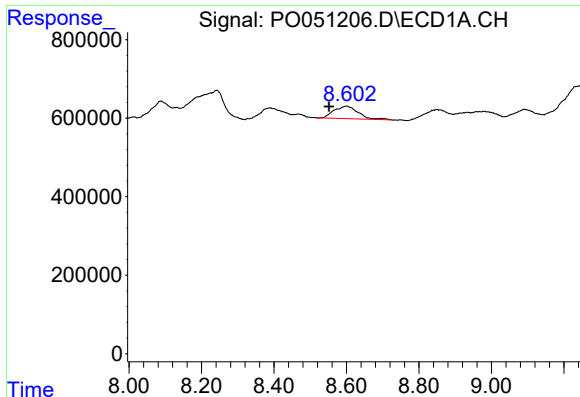
#37 AR-1262-2

R.T.: 8.243 min  
Delta R.T.: -0.010 min  
Response: 2899063  
Conc: 73.86 ng/ml



#37 AR-1262-2

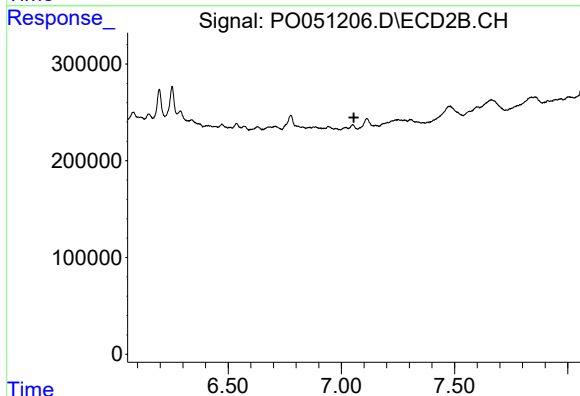
R.T.: 0.000 min  
Exp R.T.: 6.781 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

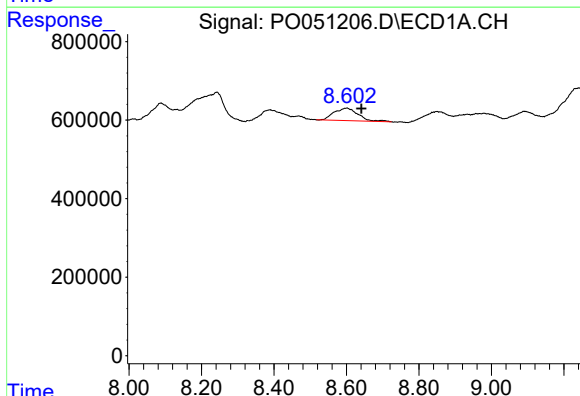
R.T.: 8.601 min  
Delta R.T.: 0.049 min  
Response: 1466873  
Conc: 57.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



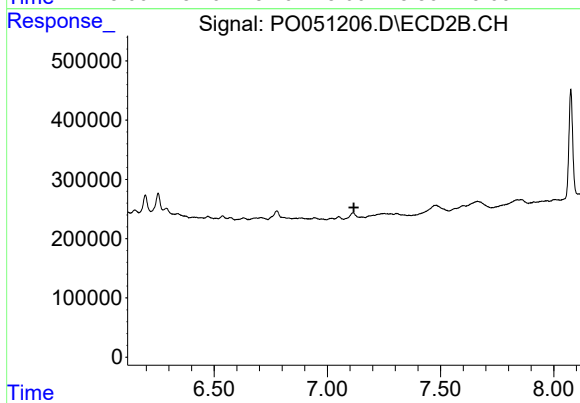
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.055 min  
Response: 0  
Conc: N.D.



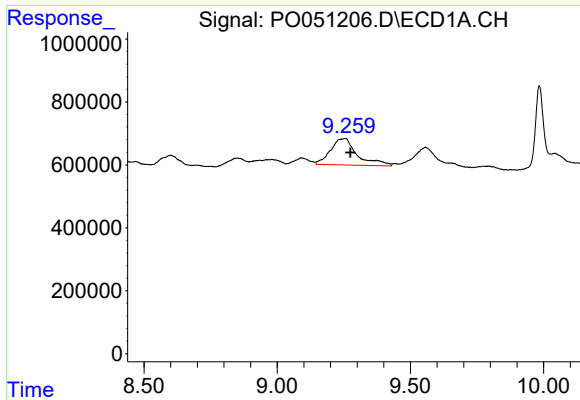
#39 AR-1262-4

R.T.: 8.601 min  
Delta R.T.: -0.040 min  
Response: 1466873  
Conc: 70.52 ng/ml



#39 AR-1262-4

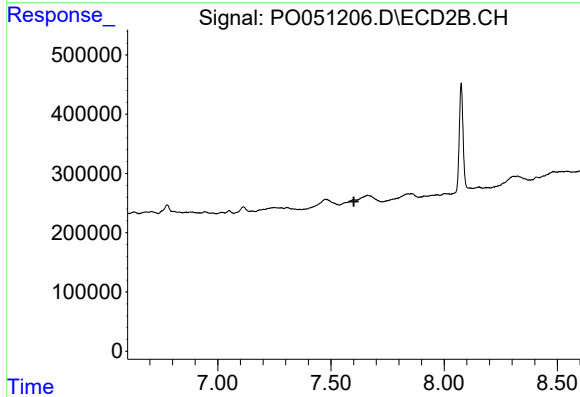
R.T.: 0.000 min  
Exp R.T. : 7.117 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

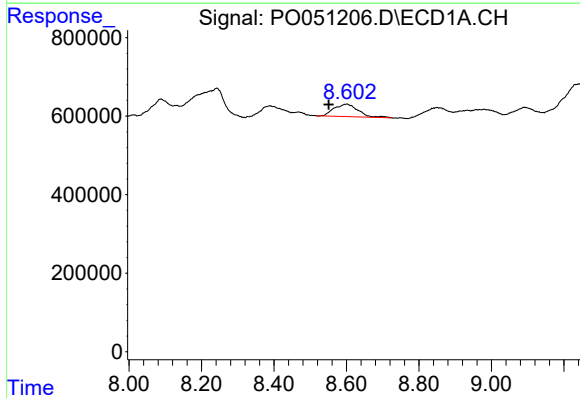
R.T.: 9.257 min  
Delta R.T.: -0.018 min  
Response: 5879453  
Conc: 460.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



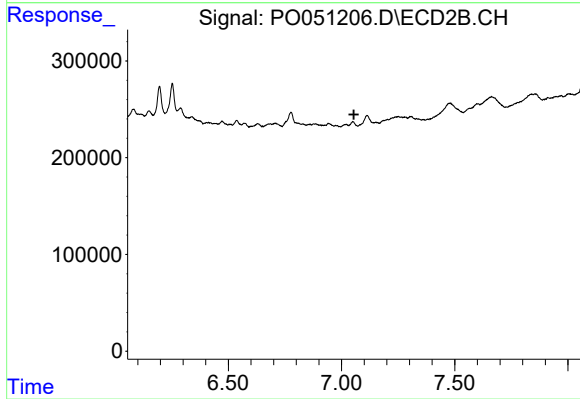
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.601 min  
Response: 0  
Conc: N.D.



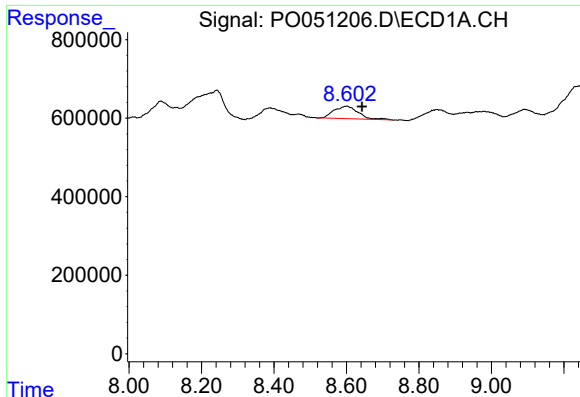
#41 AR-1268-1

R.T.: 8.601 min  
Delta R.T.: 0.050 min  
Response: 1466873  
Conc: 27.91 ng/ml



#41 AR-1268-1

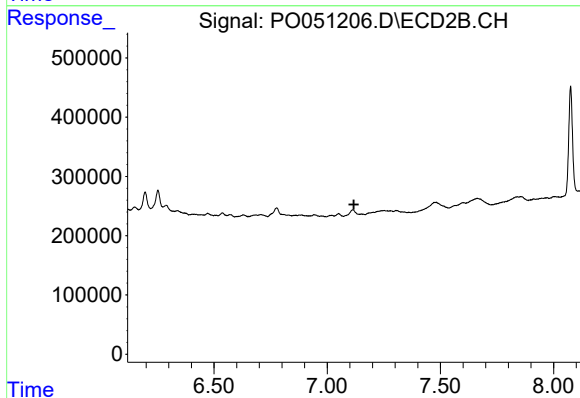
R.T.: 0.000 min  
Exp R.T. : 7.054 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

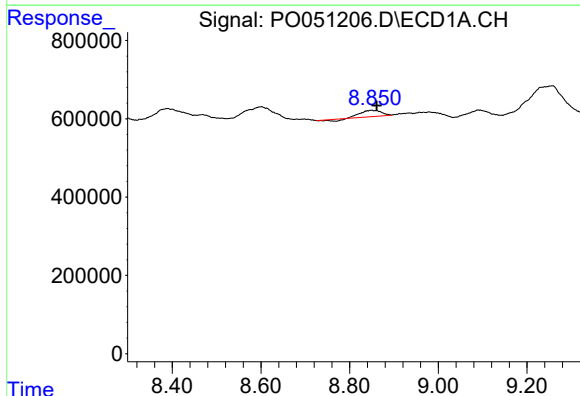
R.T.: 8.601 min  
Delta R.T.: -0.042 min  
Response: 1466873  
Conc: 30.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



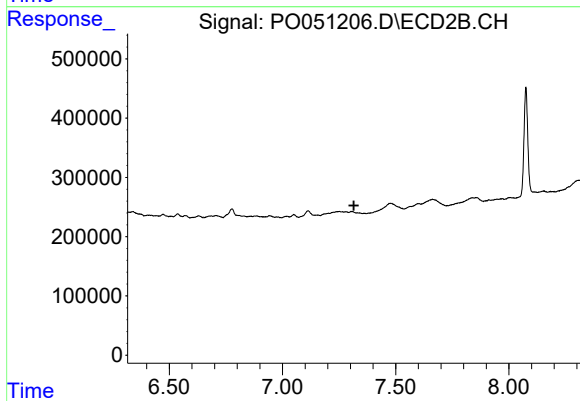
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.118 min  
Response: 0  
Conc: N.D.



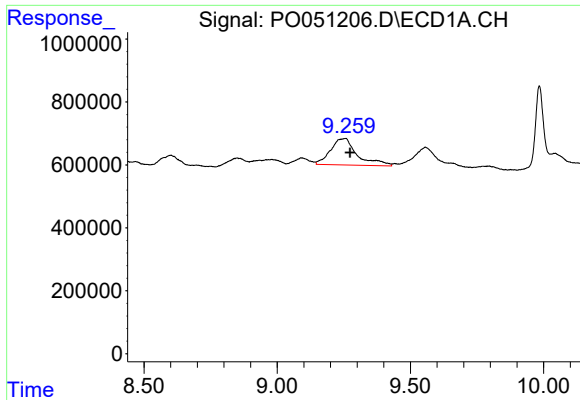
#43 AR-1268-3

R.T.: 8.850 min  
Delta R.T.: -0.011 min  
Response: 448575  
Conc: 10.40 ng/ml



#43 AR-1268-3

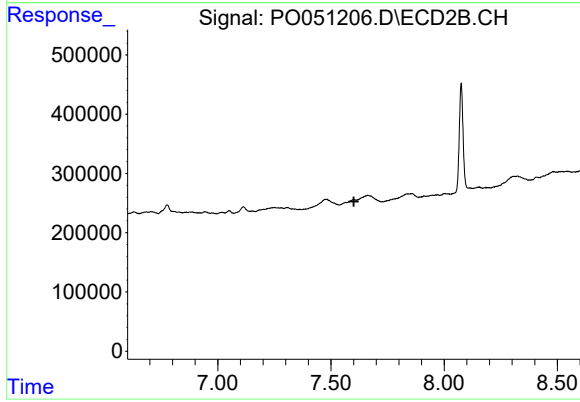
R.T.: 0.000 min  
Exp R.T. : 7.315 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 9.257 min  
Delta R.T.: -0.017 min  
Response: 5879453  
Conc: 379.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.601 min  
Response: 0  
Conc: N.D.