

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO110121\  
 Data File : PO082396.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Nov 2021 23:06  
 Operator : AJ\MA  
 Sample : M4427-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 02 04:34:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO101821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 29 11:08:21 2021  
 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... | 4.975  | 3.971  | 1354714 | 807425 | 16.766  | 27.366 #  |
| 2)                          | SA Decachlor... | 11.085 | 9.289  | 1280022 | 480705 | 23.031  | 18.873    |
| Target Compounds            |                 |        |        |         |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.315  | 5.239  | 91210   | 1660   | 36.035  | 1.369 #   |
| 4)                          | L1 AR-1016-2    | 6.338  | 5.239f | 149429  | 1660   | 41.358  | 1.003 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.443  | 0       | 18694  | N.D.    | 21.005 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.530f | 0       | 60146  | N.D.    | 82.791 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.734  | 0       | 237008 | N.D.    | 265.981 # |
| 8)                          | L2 AR-1221-1    | 5.228  | 4.229  | 217646  | 3104   | 251.844 | 8.406 #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.334  | 0       | 4891   | N.D.    | 17.463 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.423  | 0       | 19273  | N.D.    | 22.859 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.423  | 0       | 19273  | N.D.    | 29.284 #  |
| 12)                         | L3 AR-1232-2    | 6.023  | 5.239f | 730481  | 1660   | 891.611 | 2.324 #   |
| 13)                         | L3 AR-1232-3    | 6.338  | 5.443  | 149429  | 18694  | 101.118 | 49.323 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.559  | 0       | 50250  | N.D.    | 143.192 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.734  | 0       | 237008 | N.D.    | 624.155 # |
| 16)                         | L4 AR-1242-1    | 6.315  | 5.239  | 91210   | 1660   | 48.047  | 1.814 #   |
| 17)                         | L4 AR-1242-2    | 6.338  | 5.239  | 149429  | 1660   | 55.675  | 1.353 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.443  | 0       | 18694  | N.D.    | 27.786 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.559  | 0       | 50250  | N.D.    | 74.858 #  |
| 21)                         | L5 AR-1248-1    | 6.315  | 5.239  | 91210   | 1660   | 61.290  | 2.273 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.530f | 0       | 60146  | N.D.    | 62.546 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.559  | 0       | 50250  | N.D.    | 50.988 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.734  | 0       | 237008 | N.D.    | 206.191 # |
| 28)                         | L6 AR-1254-3    | 7.858  | 0.000  | 321841  | 0      | 88.935  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 8.137  | 6.947  | 45447   | 5495   | 16.865  | 3.741 #   |
| 30)                         | L6 AR-1254-5    | 8.574  | 7.356  | 5621    | 21397  | 1.930   | 10.390 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.811f | 0       | 69816  | N.D.    | 42.176 #  |
| 32)                         | L7 AR-1260-2    | 8.274  | 0.000  | 33832   | 0      | 10.170  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.192  | 0       | 78733  | N.D.    | 41.560 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.657f | 0       | 11901  | N.D.    | 8.683 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.941f | 0       | 6627   | N.D.    | 2.006 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.356  | 0       | 21397  | N.D.    | 19.397 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.941f | 0       | 6627   | N.D.    | 1.855 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.286  | 0       | 13709  | N.D.    | 5.151 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.787  | 0       | 2740   | N.D.    | 2.169 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.256  | 0       | 40517  | N.D.    | 9.049 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.787f | 0       | 2740   | N.D.    | 1.749 #   |
| -----                       |                 |        |        |         |        |         |           |

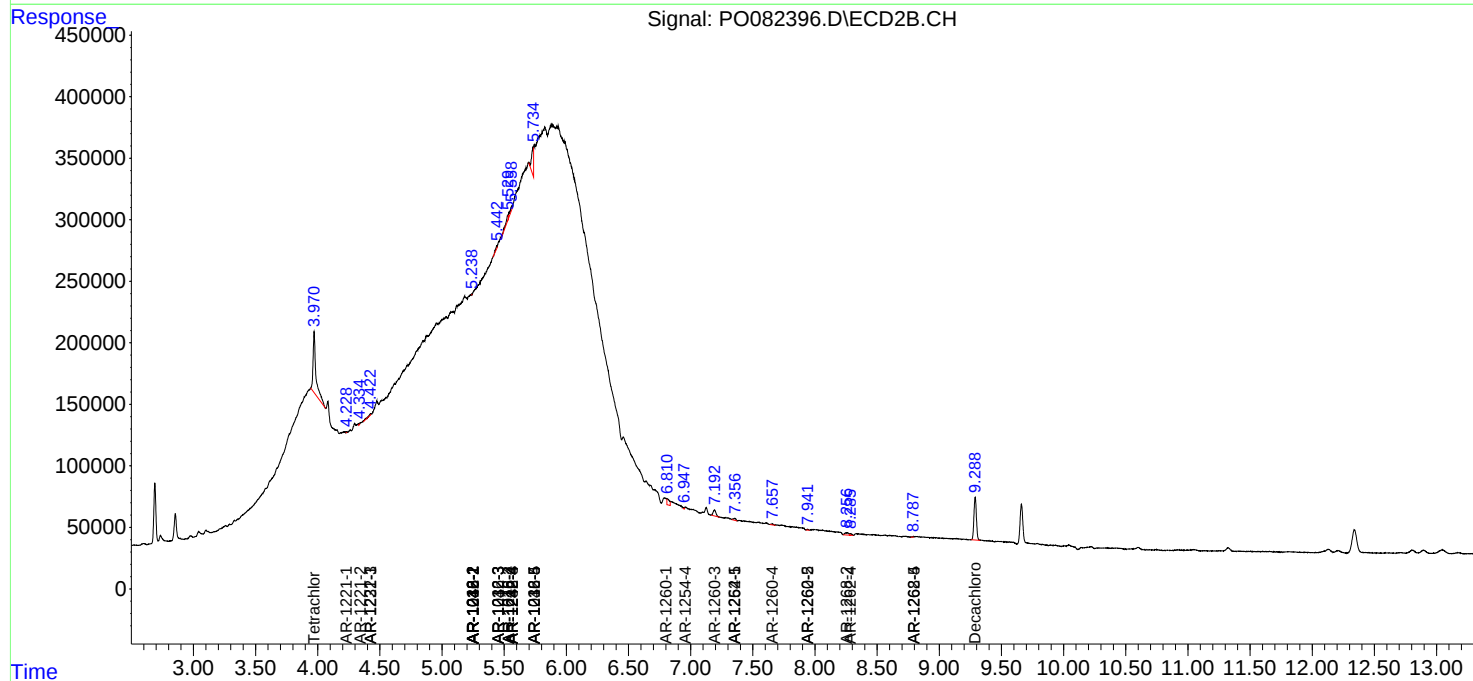
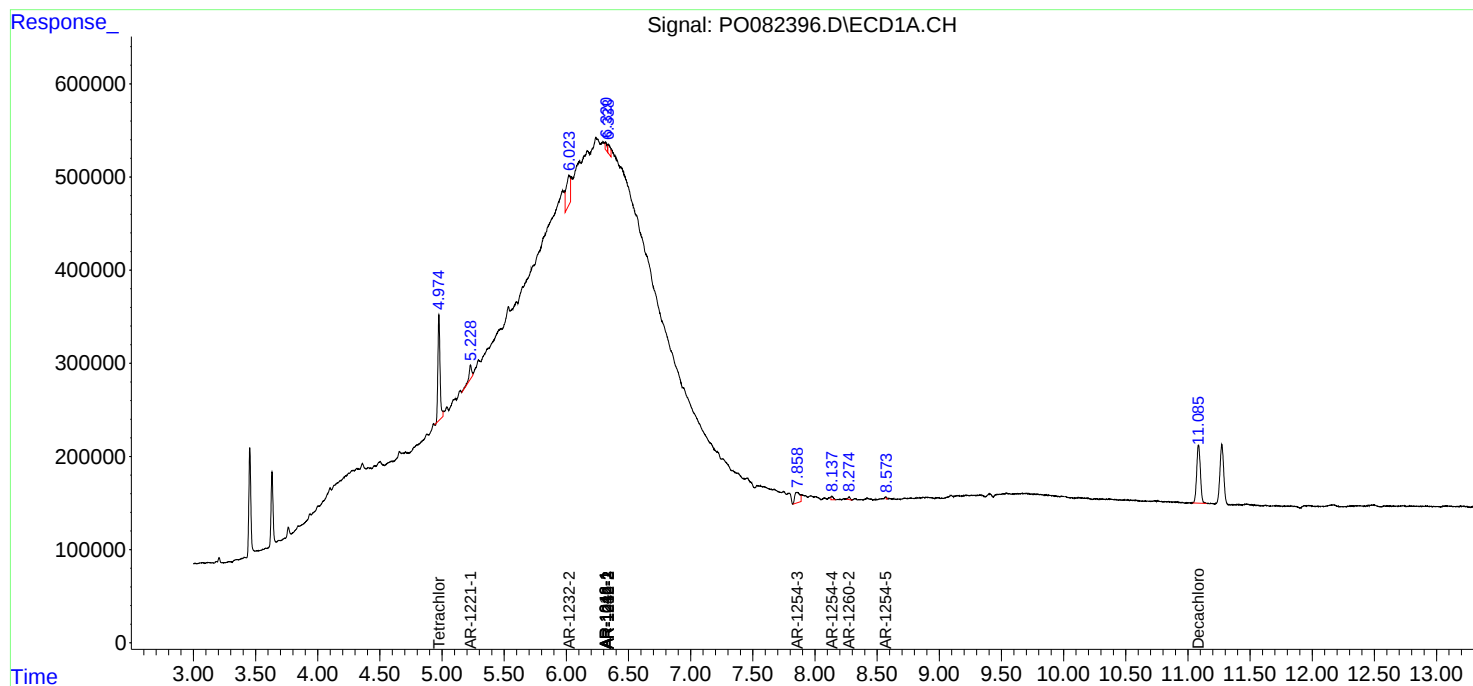
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

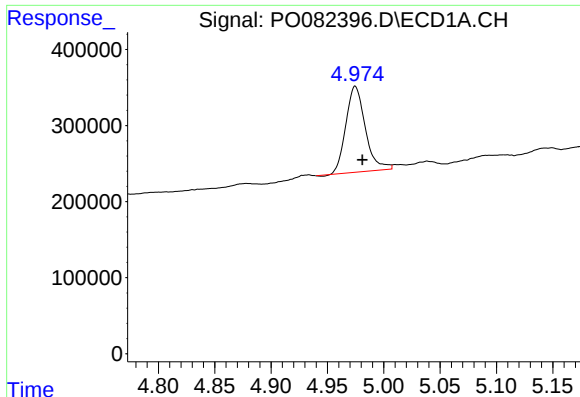
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110121\  
Data File : PO082396.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Nov 2021 23:06  
Operator : AJ\MA  
Sample : M4427-03  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 02 04:34:51 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 29 11:08:21 2021  
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

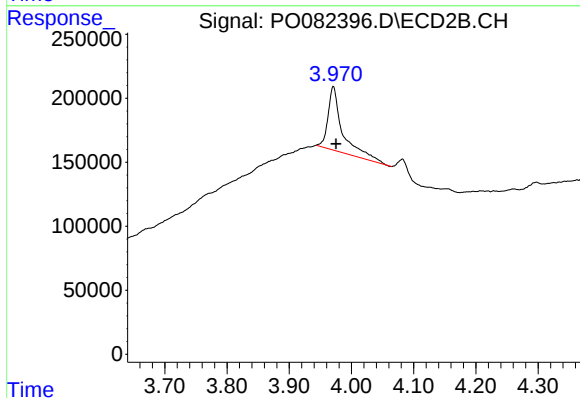




#1 Tetrachloro-m-xylene

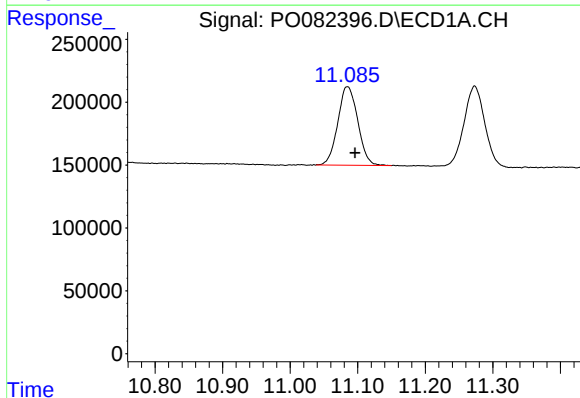
R.T.: 4.975 min  
Delta R.T.: -0.006 min  
Response: 1354714  
Conc: 16.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



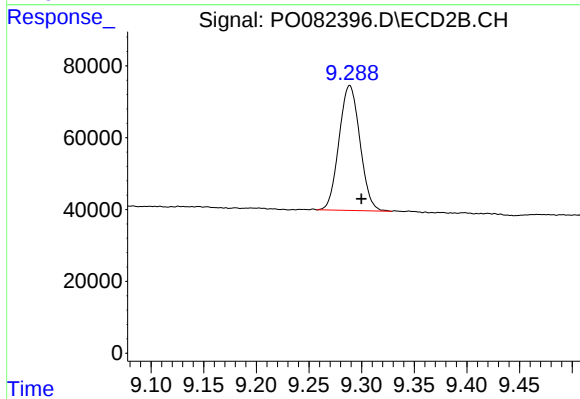
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: -0.004 min  
Response: 807425  
Conc: 27.37 ng/ml



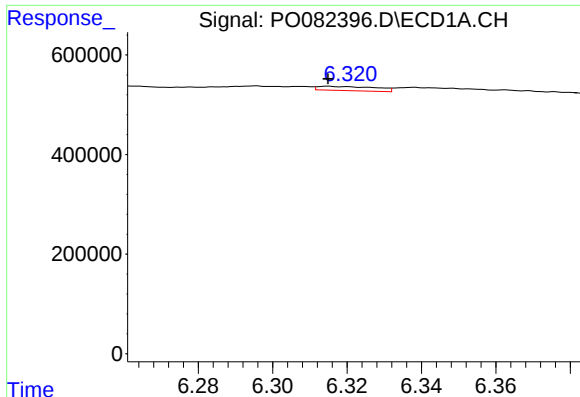
#2 Decachlorobiphenyl

R.T.: 11.085 min  
Delta R.T.: -0.011 min  
Response: 1280022  
Conc: 23.03 ng/ml



#2 Decachlorobiphenyl

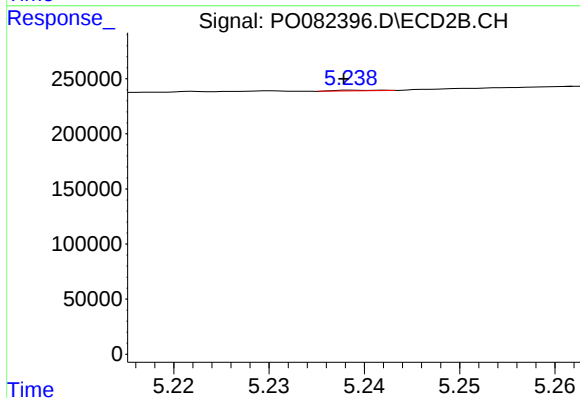
R.T.: 9.289 min  
Delta R.T.: -0.011 min  
Response: 480705  
Conc: 18.87 ng/ml



#3 AR-1016-1

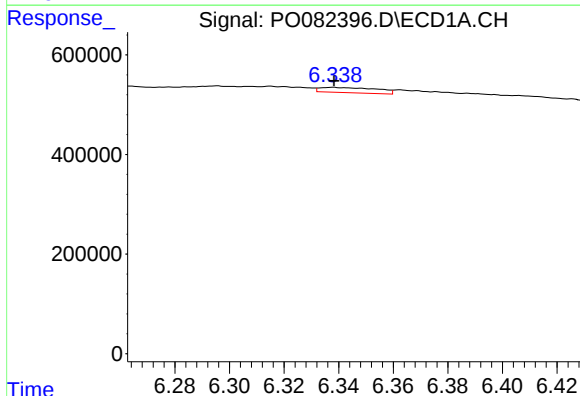
R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 91210  
Conc: 36.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



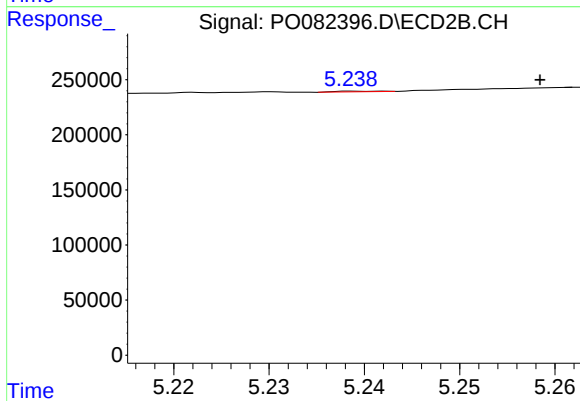
#3 AR-1016-1

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 1660  
Conc: 1.37 ng/ml



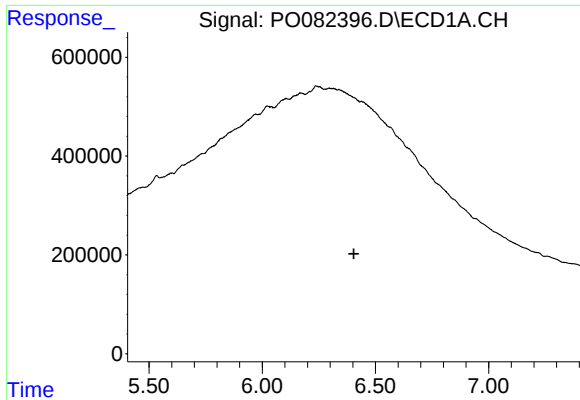
#4 AR-1016-2

R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 149429  
Conc: 41.36 ng/ml



#4 AR-1016-2

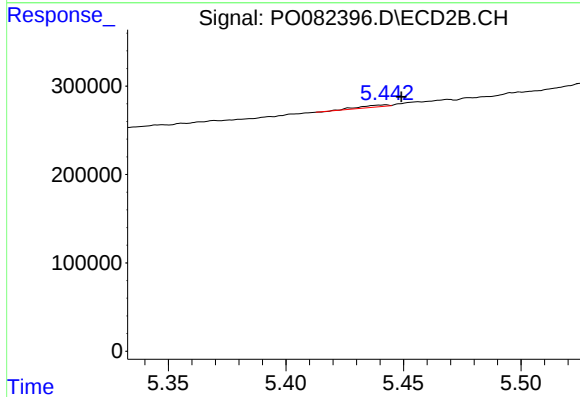
R.T.: 5.239 min  
Delta R.T.: -0.020 min  
Response: 1660  
Conc: 1.00 ng/ml



#5 AR-1016-3

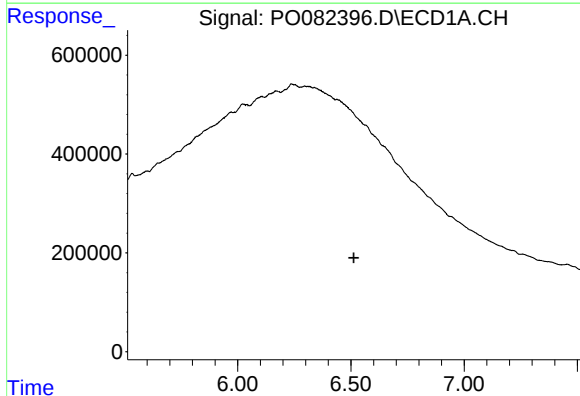
R.T.: 0.000 min  
Exp R.T.: 6.405 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



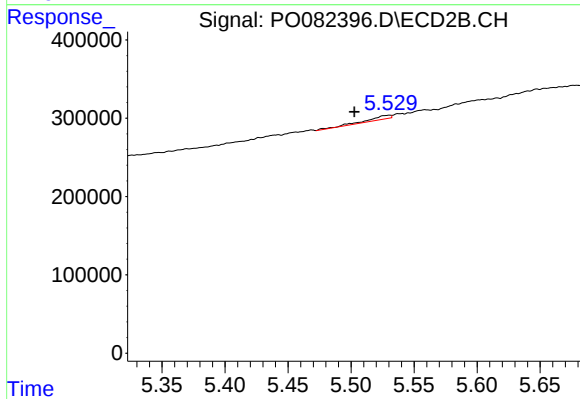
#5 AR-1016-3

R.T.: 5.443 min  
Delta R.T.: -0.007 min  
Response: 18694  
Conc: 21.00 ng/ml



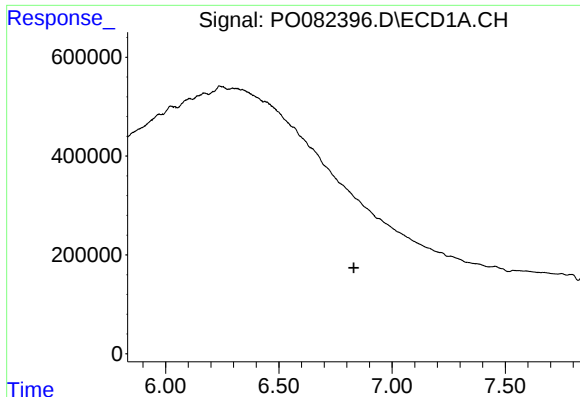
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.513 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

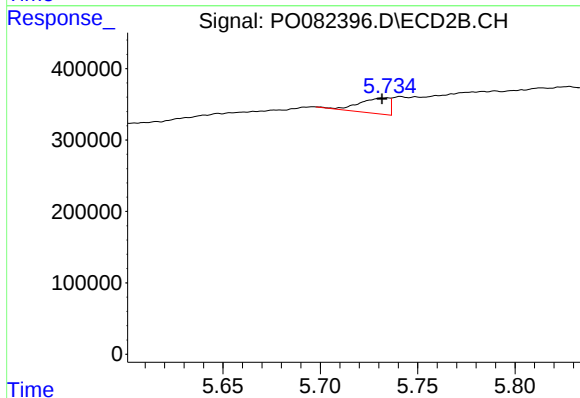
R.T.: 5.530 min  
Delta R.T.: 0.028 min  
Response: 60146  
Conc: 82.79 ng/ml



#7 AR-1016-5

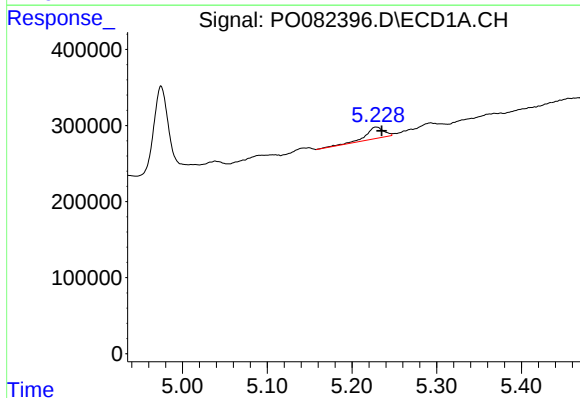
R.T.: 0.000 min  
Exp R.T.: 6.831 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



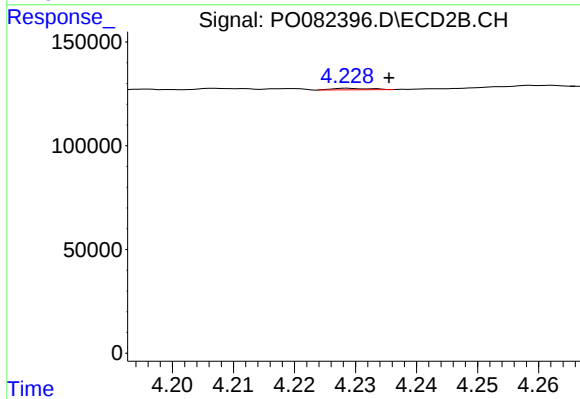
#7 AR-1016-5

R.T.: 5.734 min  
Delta R.T.: 0.003 min  
Response: 237008  
Conc: 265.98 ng/ml



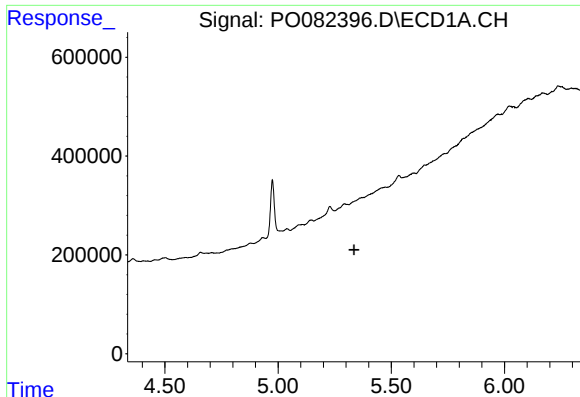
#8 AR-1221-1

R.T.: 5.228 min  
Delta R.T.: -0.007 min  
Response: 217646  
Conc: 251.84 ng/ml



#8 AR-1221-1

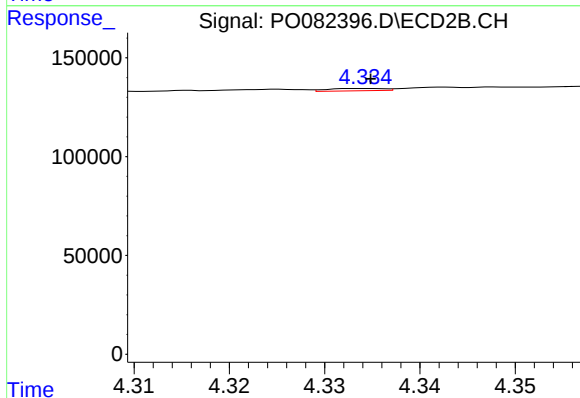
R.T.: 4.229 min  
Delta R.T.: -0.007 min  
Response: 3104  
Conc: 8.41 ng/ml



#9 AR-1221-2

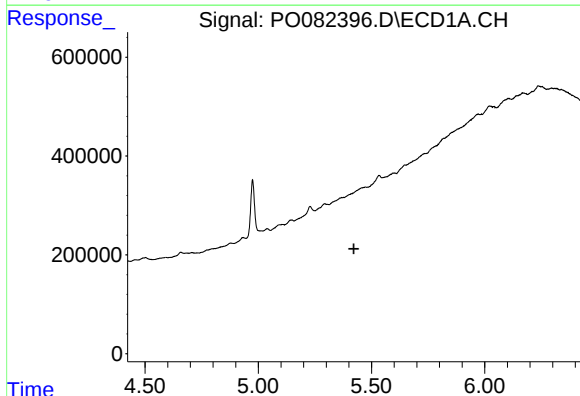
R.T.: 0.000 min  
Exp R.T.: 5.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



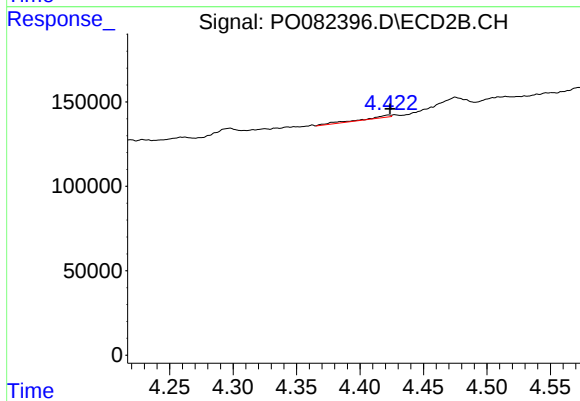
#9 AR-1221-2

R.T.: 4.334 min  
Delta R.T.: 0.000 min  
Response: 4891  
Conc: 17.46 ng/ml



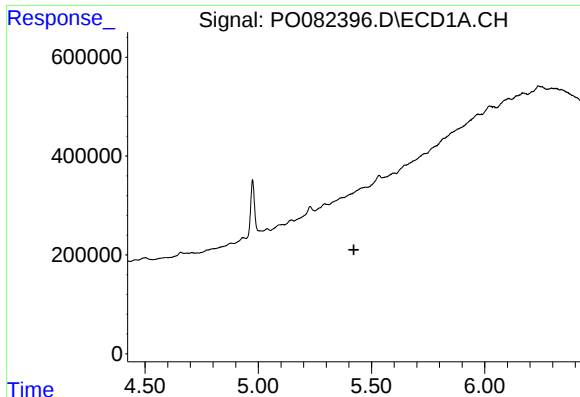
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 5.422 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

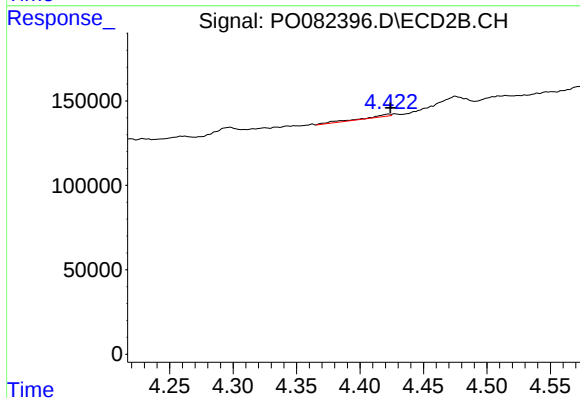
R.T.: 4.423 min  
Delta R.T.: -0.001 min  
Response: 19273  
Conc: 22.86 ng/ml



#11 AR-1232-1

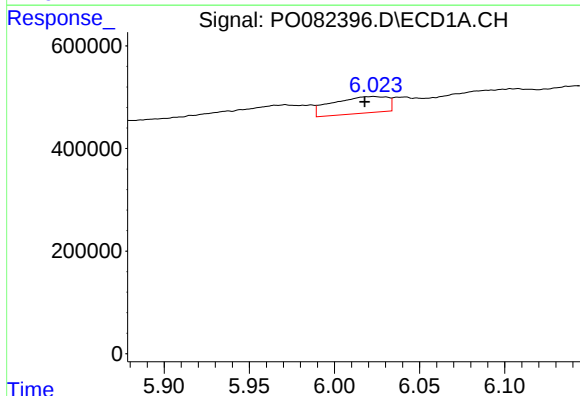
R.T.: 0.000 min  
Exp R.T.: 5.422 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



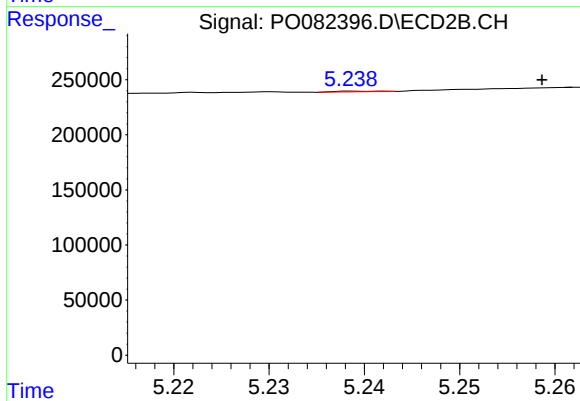
#11 AR-1232-1

R.T.: 4.423 min  
Delta R.T.: -0.001 min  
Response: 19273  
Conc: 29.28 ng/ml



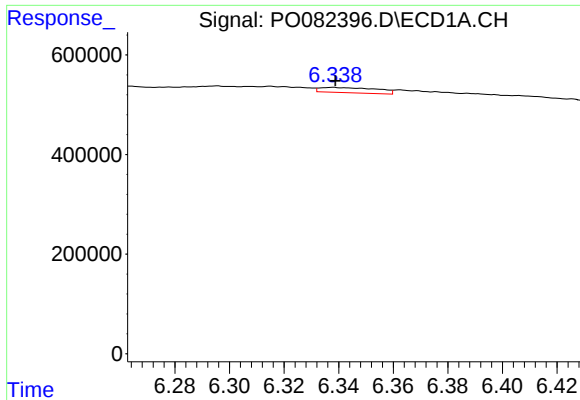
#12 AR-1232-2

R.T.: 6.023 min  
Delta R.T.: 0.006 min  
Response: 730481  
Conc: 891.61 ng/ml



#12 AR-1232-2

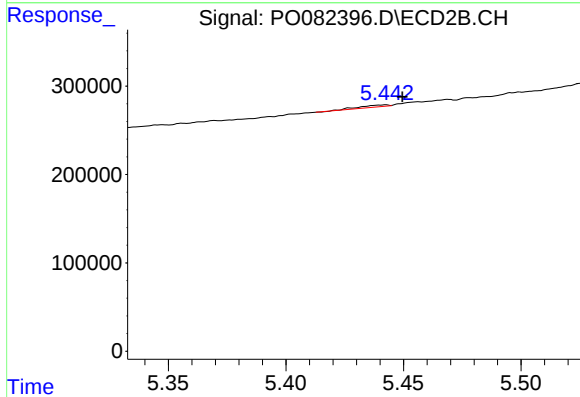
R.T.: 5.239 min  
Delta R.T.: -0.020 min  
Response: 1660  
Conc: 2.32 ng/ml



#13 AR-1232-3

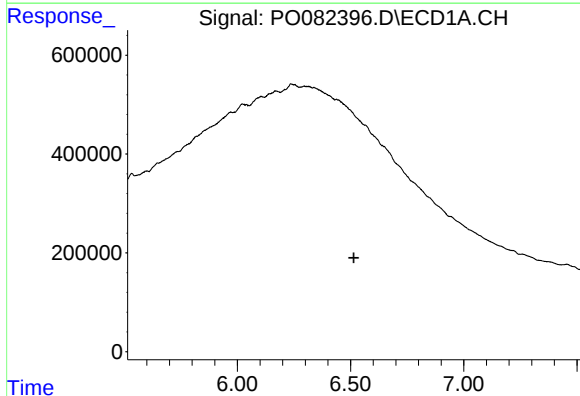
R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 149429  
Conc: 101.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



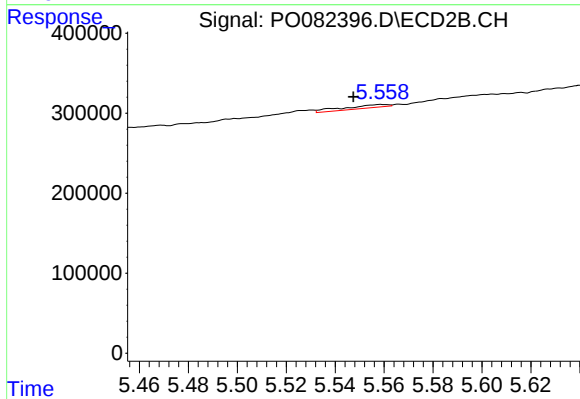
#13 AR-1232-3

R.T.: 5.443 min  
Delta R.T.: -0.007 min  
Response: 18694  
Conc: 49.32 ng/ml



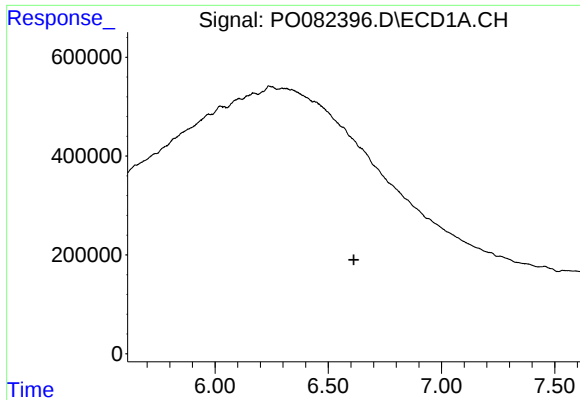
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.514 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

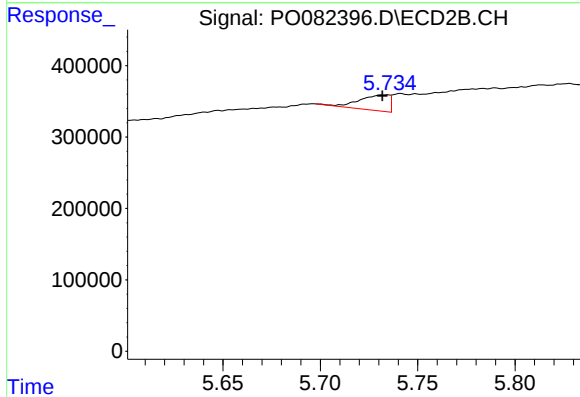
R.T.: 5.559 min  
Delta R.T.: 0.011 min  
Response: 50250  
Conc: 143.19 ng/ml



#15 AR-1232-5

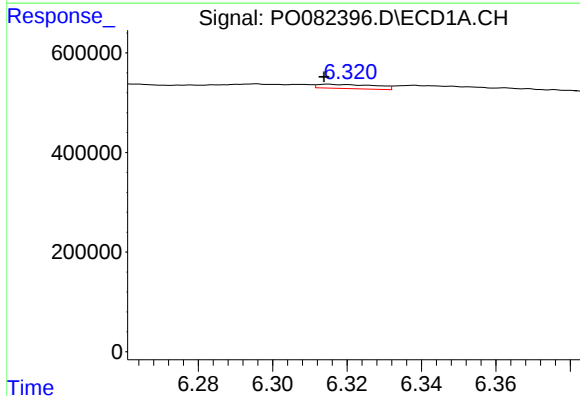
R.T.: 0.000 min  
Exp R.T.: 6.613 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



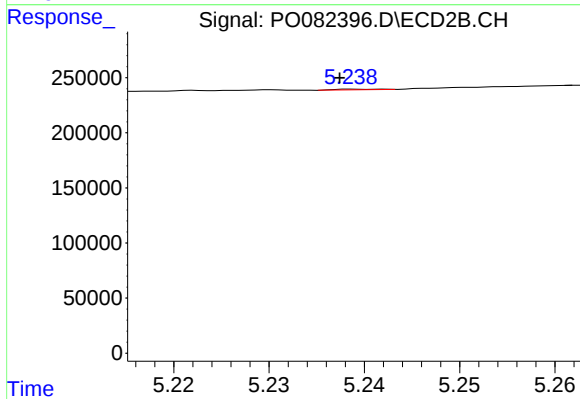
#15 AR-1232-5

R.T.: 5.734 min  
Delta R.T.: 0.003 min  
Response: 237008  
Conc: 624.16 ng/ml



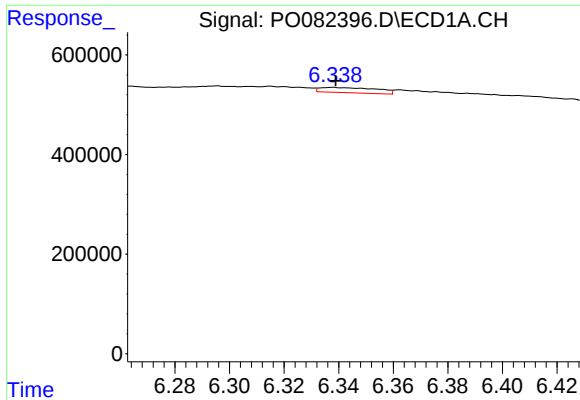
#16 AR-1242-1

R.T.: 6.315 min  
Delta R.T.: 0.001 min  
Response: 91210  
Conc: 48.05 ng/ml



#16 AR-1242-1

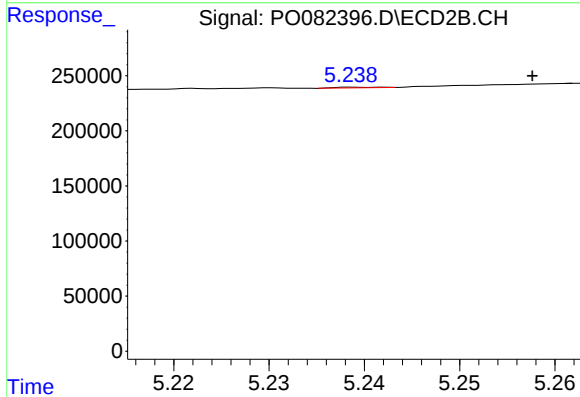
R.T.: 5.239 min  
Delta R.T.: 0.001 min  
Response: 1660  
Conc: 1.81 ng/ml



#17 AR-1242-2

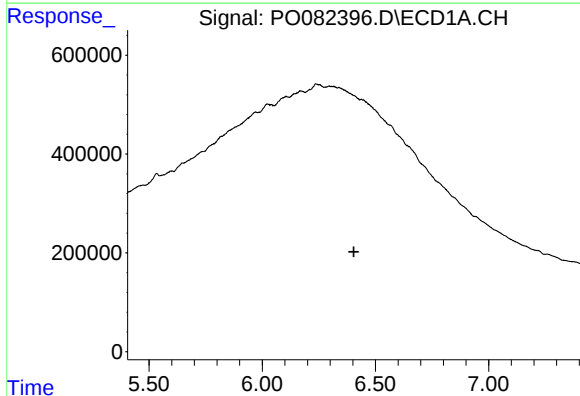
R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 149429  
Conc: 55.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



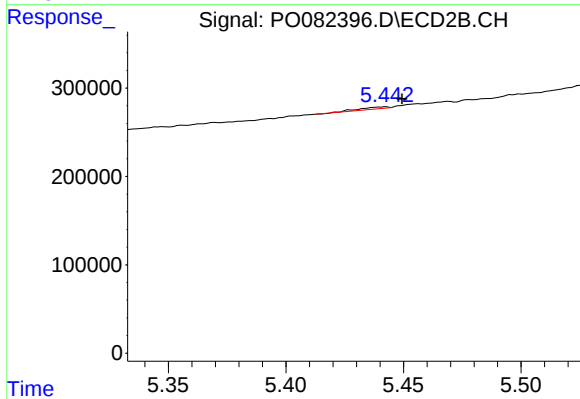
#17 AR-1242-2

R.T.: 5.239 min  
Delta R.T.: -0.019 min  
Response: 1660  
Conc: 1.35 ng/ml



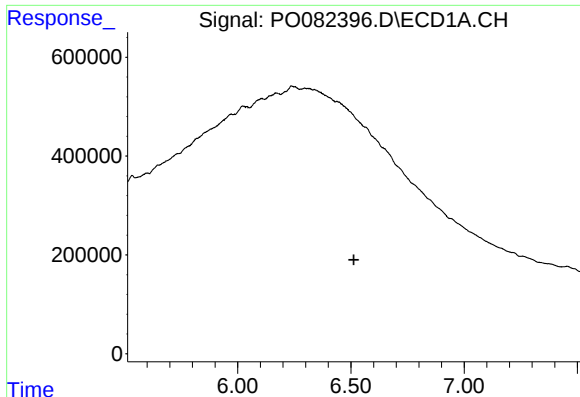
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.405 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

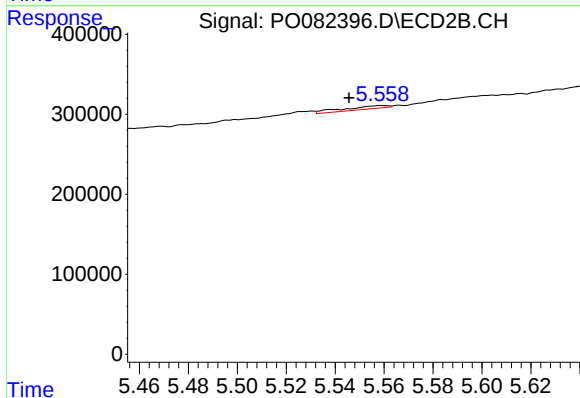
R.T.: 5.443 min  
Delta R.T.: -0.007 min  
Response: 18694  
Conc: 27.79 ng/ml



#19 AR-1242-4

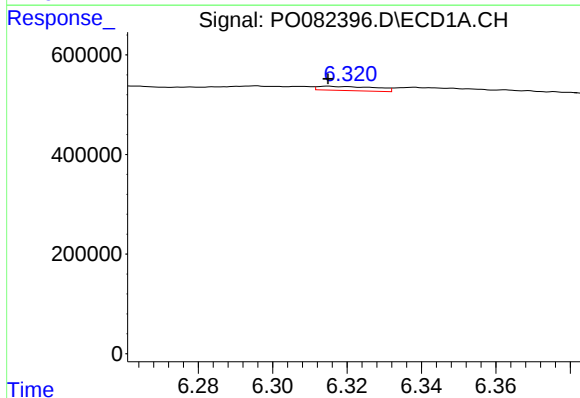
R.T.: 0.000 min  
Exp R.T.: 6.513 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



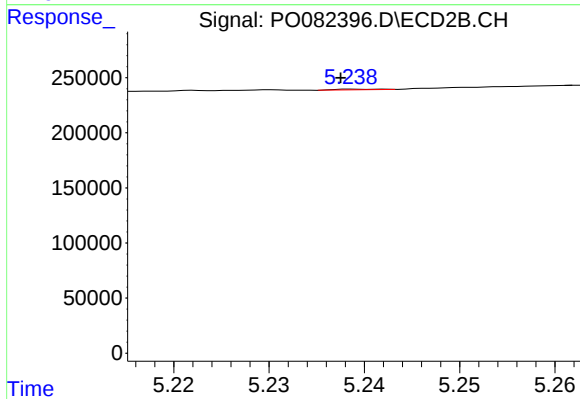
#19 AR-1242-4

R.T.: 5.559 min  
Delta R.T.: 0.013 min  
Response: 50250  
Conc: 74.86 ng/ml



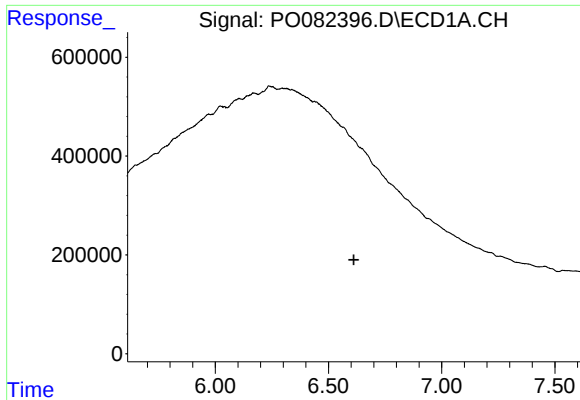
#21 AR-1248-1

R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 91210  
Conc: 61.29 ng/ml



#21 AR-1248-1

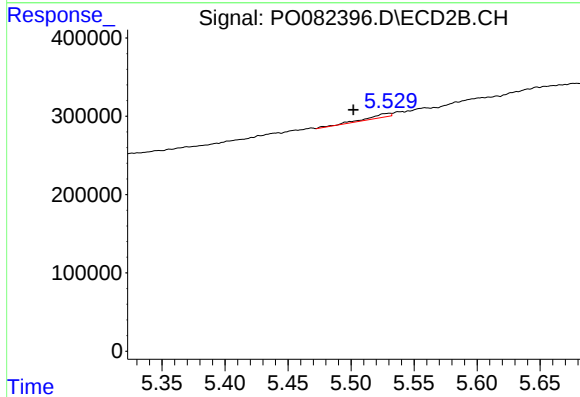
R.T.: 5.239 min  
Delta R.T.: 0.001 min  
Response: 1660  
Conc: 2.27 ng/ml



#22 AR-1248-2

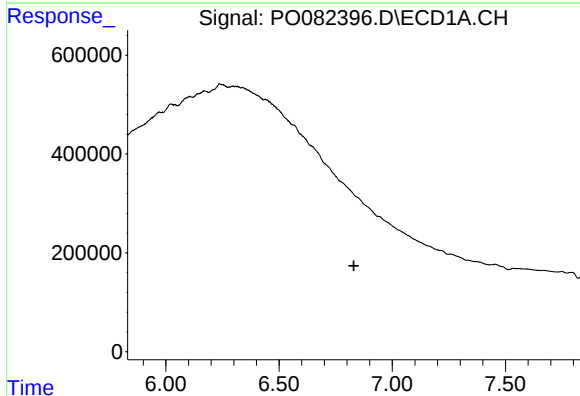
R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



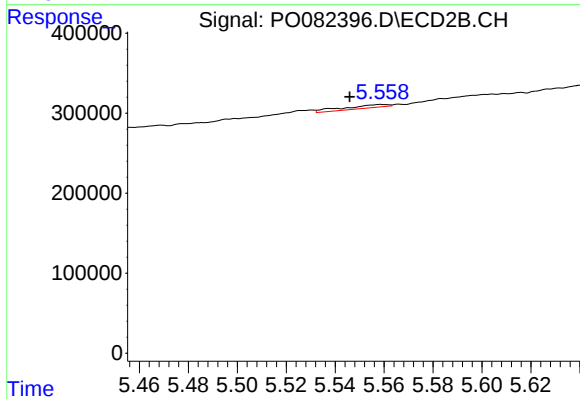
#22 AR-1248-2

R.T.: 5.530 min  
Delta R.T.: 0.028 min  
Response: 60146  
Conc: 62.55 ng/ml



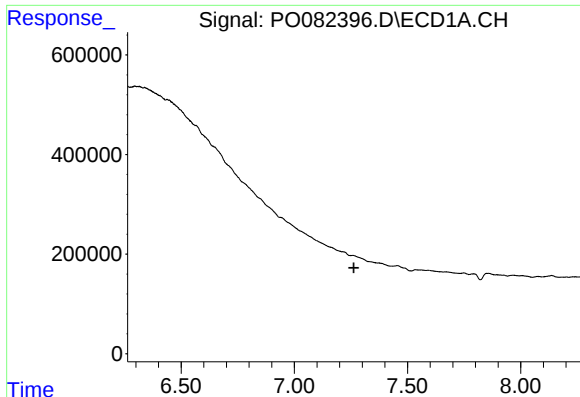
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.831 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

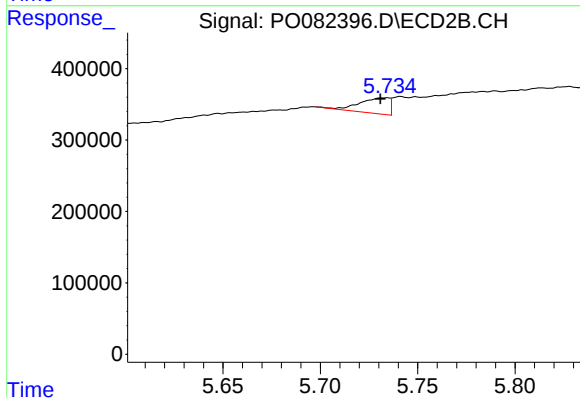
R.T.: 5.559 min  
Delta R.T.: 0.013 min  
Response: 50250  
Conc: 50.99 ng/ml



#24 AR-1248-4

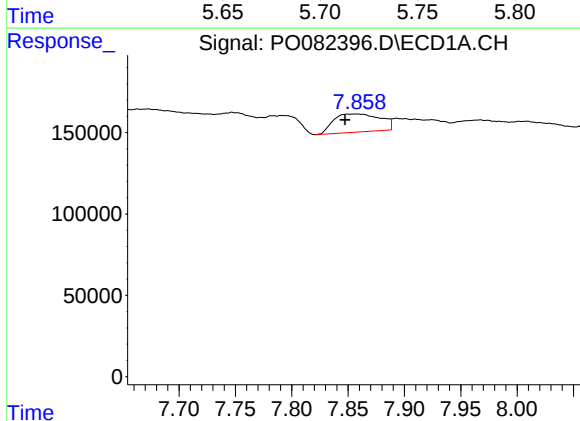
R.T.: 0.000 min  
Exp R.T.: 7.263 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



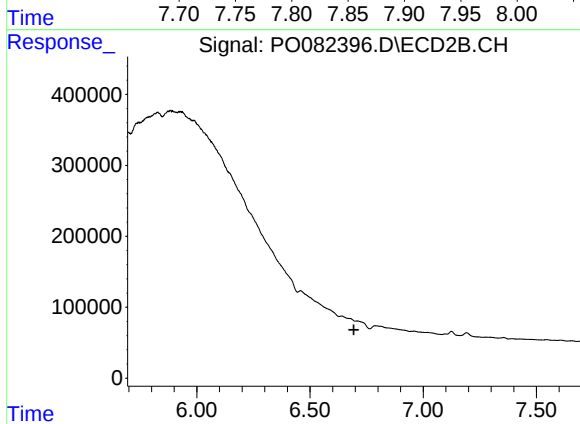
#24 AR-1248-4

R.T.: 5.734 min  
Delta R.T.: 0.004 min  
Response: 237008  
Conc: 206.19 ng/ml



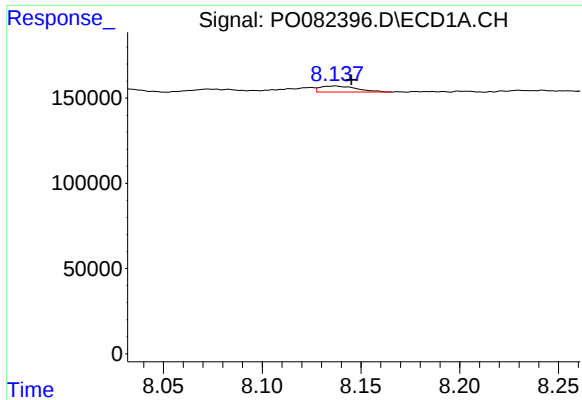
#28 AR-1254-3

R.T.: 7.858 min  
Delta R.T.: 0.011 min  
Response: 321841  
Conc: 88.94 ng/ml



#28 AR-1254-3

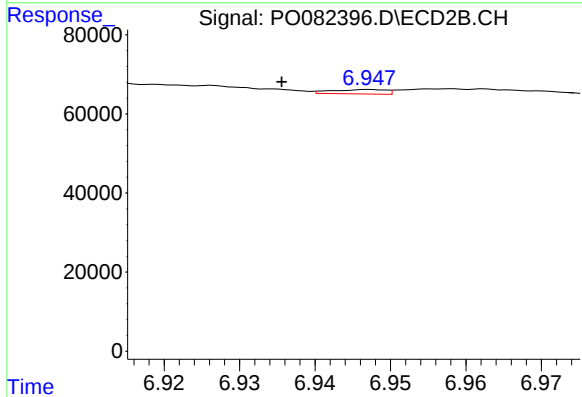
R.T.: 0.000 min  
Exp R.T.: 6.694 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

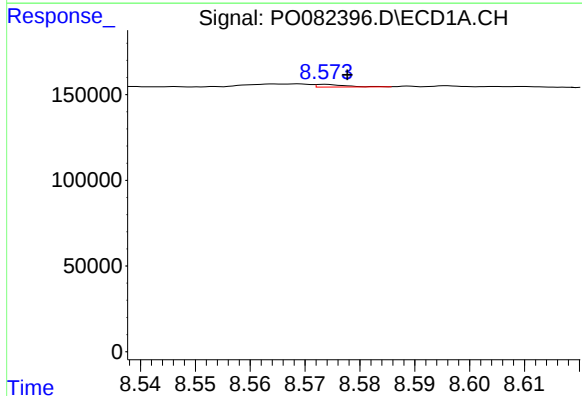
R.T.: 8.137 min  
Delta R.T.: -0.008 min  
Response: 45447  
Conc: 16.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



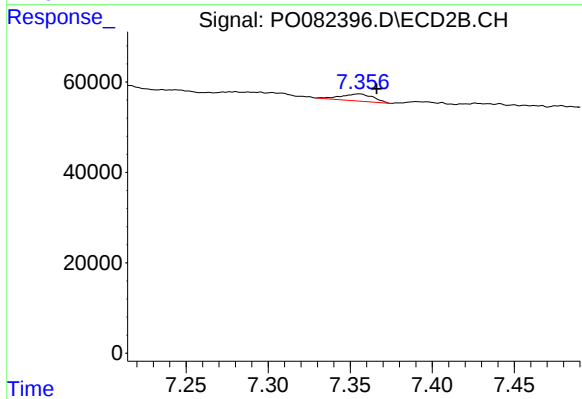
#29 AR-1254-4

R.T.: 6.947 min  
Delta R.T.: 0.012 min  
Response: 5495  
Conc: 3.74 ng/ml



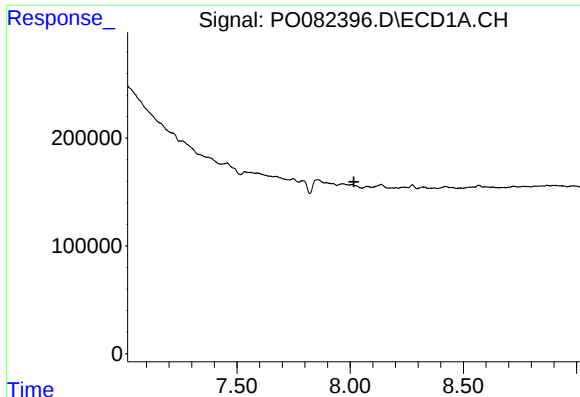
#30 AR-1254-5

R.T.: 8.574 min  
Delta R.T.: -0.004 min  
Response: 5621  
Conc: 1.93 ng/ml



#30 AR-1254-5

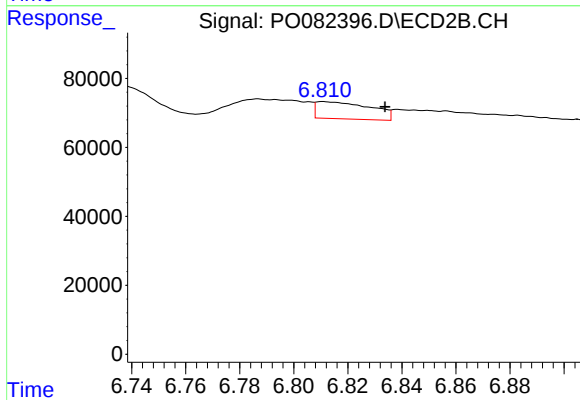
R.T.: 7.356 min  
Delta R.T.: -0.011 min  
Response: 21397  
Conc: 10.39 ng/ml



#31 AR-1260-1

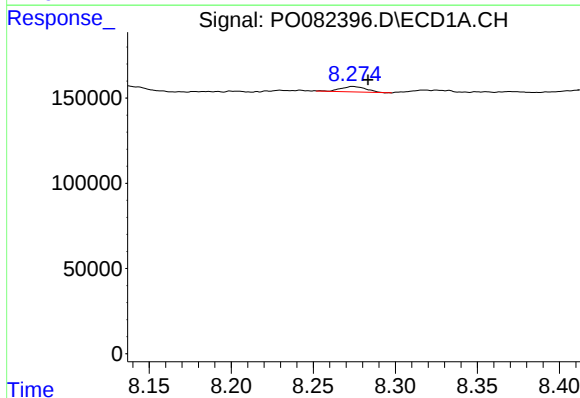
R.T.: 0.000 min  
Exp R.T.: 8.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



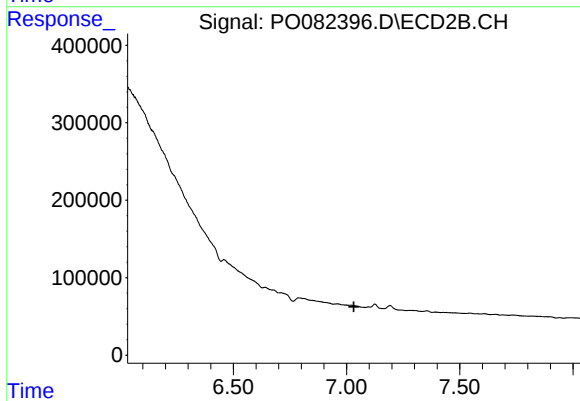
#31 AR-1260-1

R.T.: 6.811 min  
Delta R.T.: -0.023 min  
Response: 69816  
Conc: 42.18 ng/ml



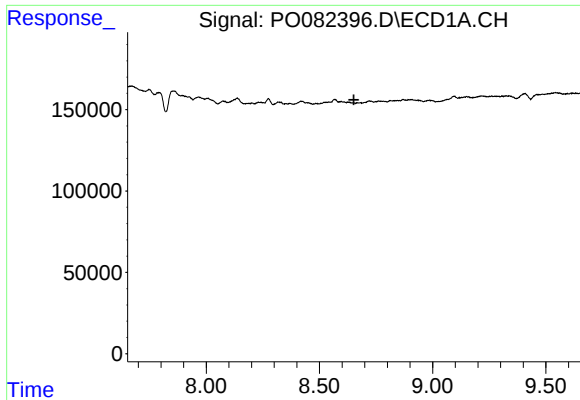
#32 AR-1260-2

R.T.: 8.274 min  
Delta R.T.: -0.009 min  
Response: 33832  
Conc: 10.17 ng/ml



#32 AR-1260-2

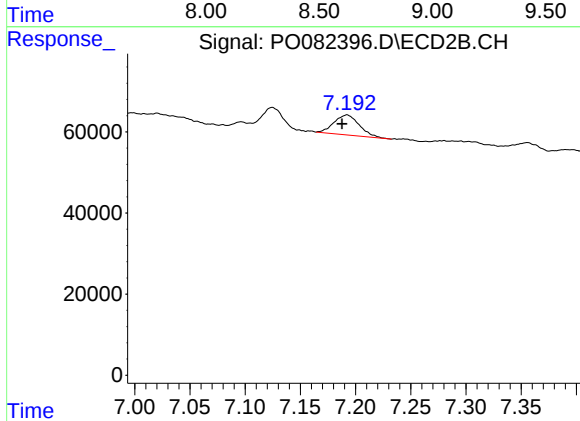
R.T.: 0.000 min  
Exp R.T.: 7.032 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

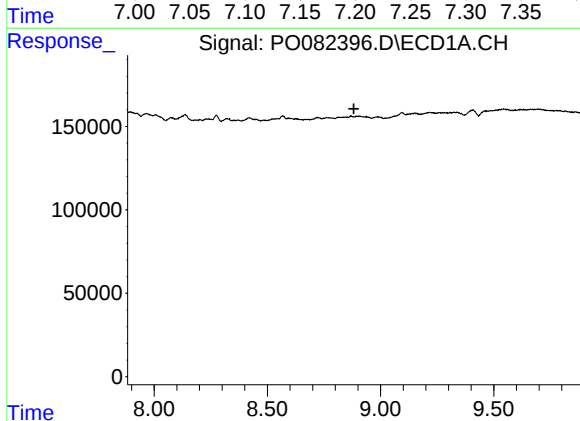
R.T.: 0.000 min  
Exp R.T.: 8.652 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



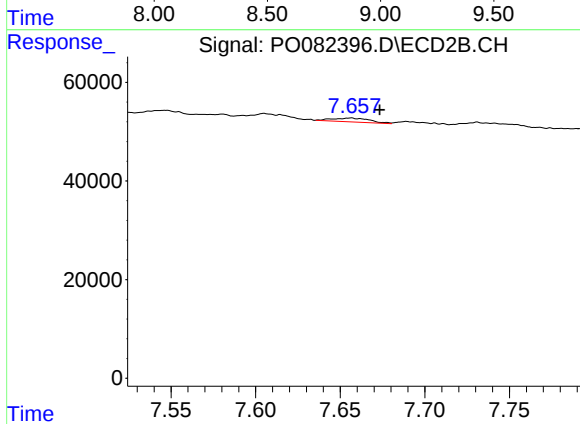
#33 AR-1260-3

R.T.: 7.192 min  
Delta R.T.: 0.005 min  
Response: 78733  
Conc: 41.56 ng/ml



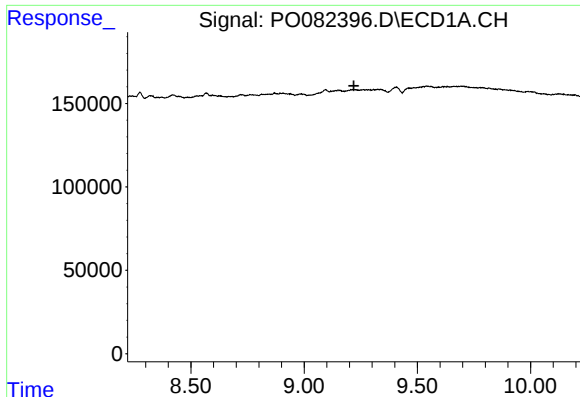
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 8.882 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

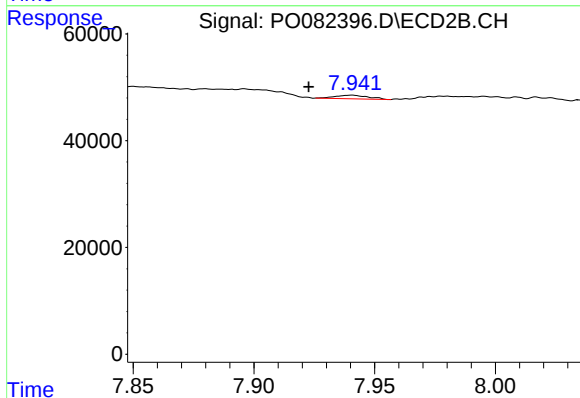
R.T.: 7.657 min  
Delta R.T.: -0.017 min  
Response: 11901  
Conc: 8.68 ng/ml



#35 AR-1260-5

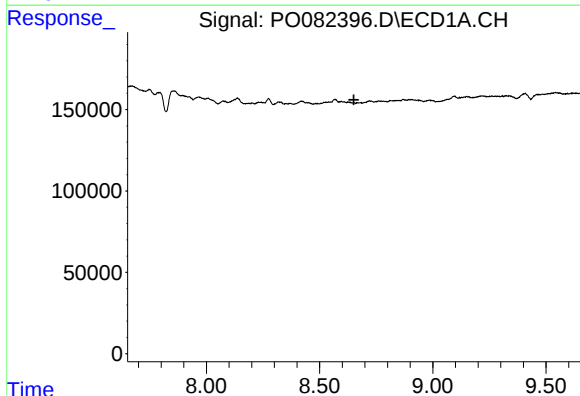
R.T.: 0.000 min  
Exp R.T.: 9.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



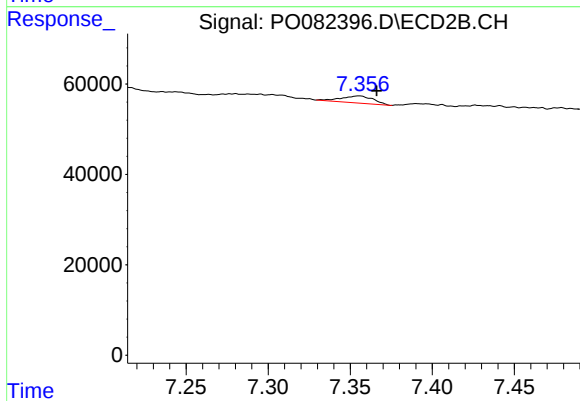
#35 AR-1260-5

R.T.: 7.941 min  
Delta R.T.: 0.018 min  
Response: 6627  
Conc: 2.01 ng/ml



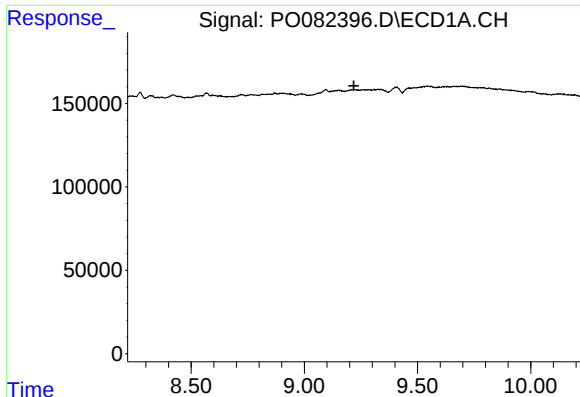
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.651 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

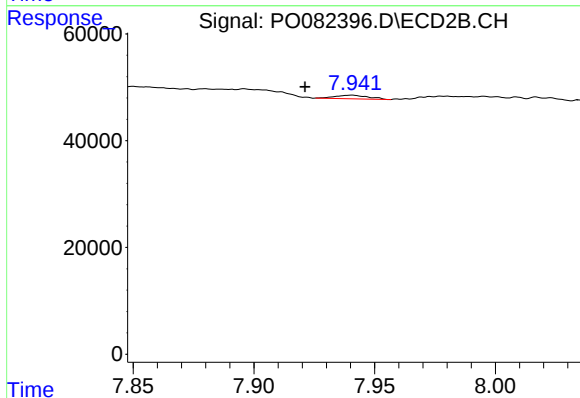
R.T.: 7.356 min  
Delta R.T.: -0.010 min  
Response: 21397  
Conc: 19.40 ng/ml



#37 AR-1262-2

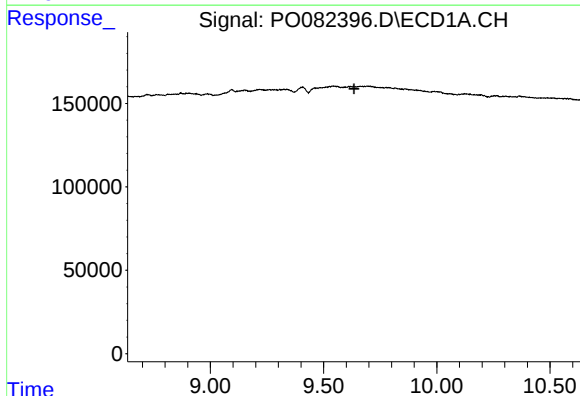
R.T.: 0.000 min  
Exp R.T.: 9.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



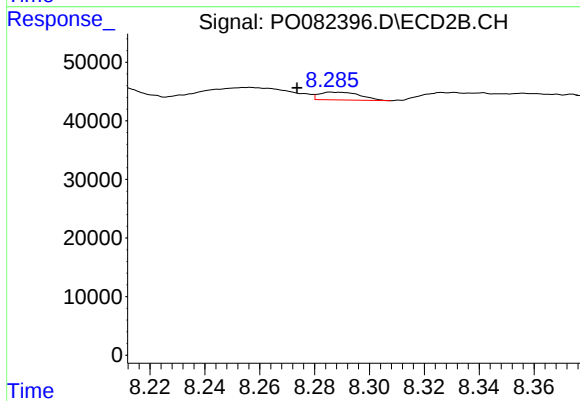
#37 AR-1262-2

R.T.: 7.941 min  
Delta R.T.: 0.020 min  
Response: 6627  
Conc: 1.85 ng/ml



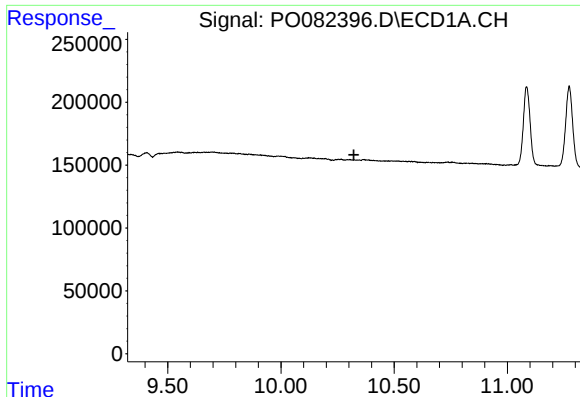
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 9.634 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

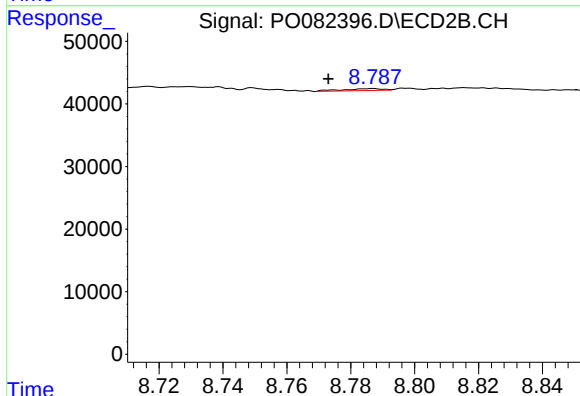
R.T.: 8.286 min  
Delta R.T.: 0.012 min  
Response: 13709  
Conc: 5.15 ng/ml



#40 AR-1262-5

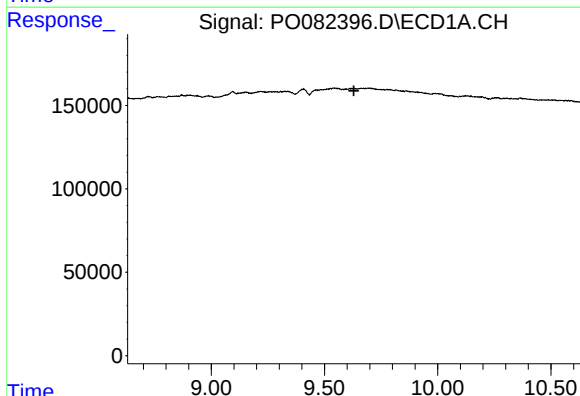
R.T.: 0.000 min  
Exp R.T.: 10.322 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



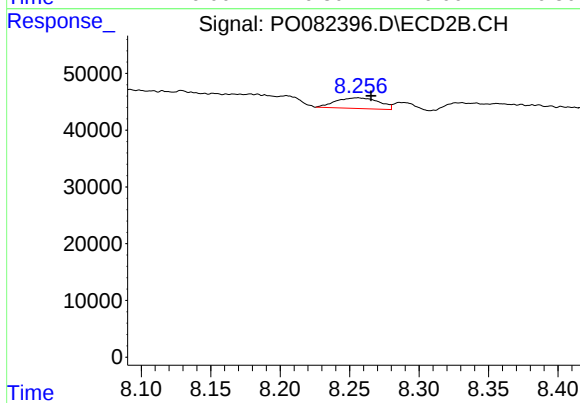
#40 AR-1262-5

R.T.: 8.787 min  
Delta R.T.: 0.014 min  
Response: 2740  
Conc: 2.17 ng/ml



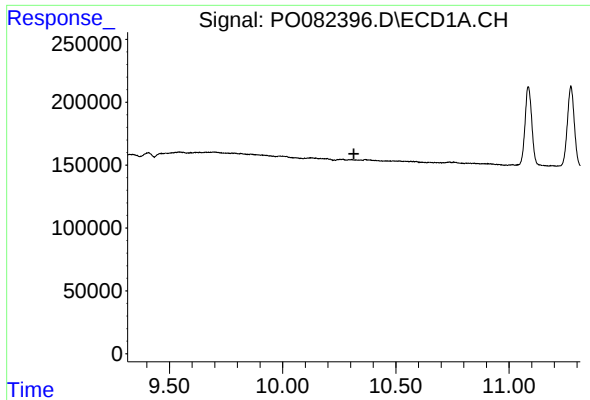
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.630 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

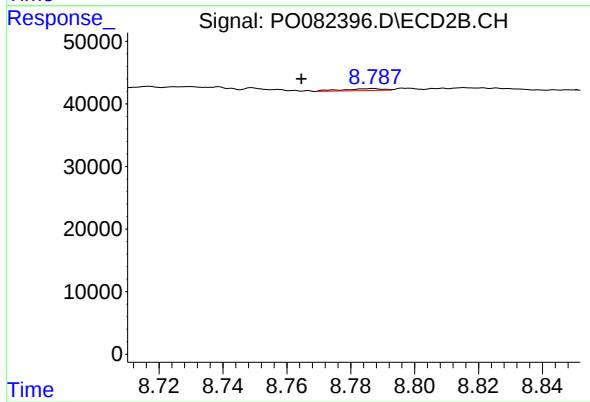
R.T.: 8.256 min  
Delta R.T.: -0.009 min  
Response: 40517  
Conc: 9.05 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 10.314 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#44 AR-1268-4

R.T.: 8.787 min  
Delta R.T.: 0.023 min  
Response: 2740  
Conc: 1.75 ng/ml