

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP011023\  
 Data File : PP054430.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jan 2023 09:56  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 11 10:22:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP010423.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jan 05 03:46:53 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

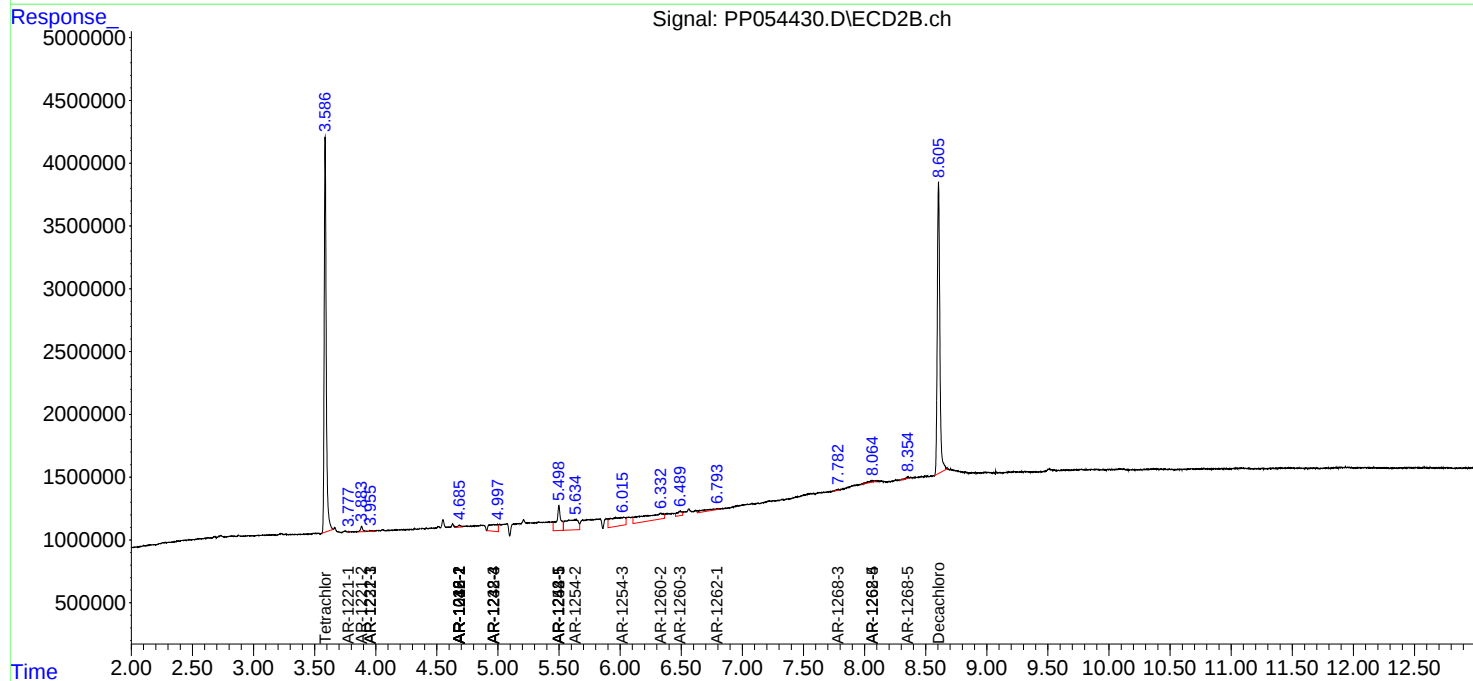
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|-----------|
| -----                       |                 |        |        |          |          |        |           |
| System Monitoring Compounds |                 |        |        |          |          |        |           |
| 1)                          | SA Tetrachlo... | 4.336  | 3.586  | 50247486 | 36014294 | 24.813 | 22.328    |
| 2)                          | SA Decachlor... | 10.093 | 8.605  | 29742730 | 33891945 | 20.709 | 24.026    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 5.507  | 4.685  | 795850   | 269804   | 10.770 | 5.185 #   |
| 4)                          | L1 AR-1016-2    | 5.526  | 4.685  | 659108   | 269804   | 6.176  | 3.767 #   |
| 5)                          | L1 AR-1016-3    | 5.582  | 0.000  | 845666   | 0        | 12.361 | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.692  | 0.000  | 171101   | 0        | 3.286  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.007f | 0.000  | 193436   | 0        | 4.272  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.542  | 3.777f | 138603   | 14561    | 5.764  | 0.762 #   |
| 9)                          | L2 AR-1221-2    | 4.642  | 3.884  | 840384   | 541283   | 47.434 | 36.710    |
| 10)                         | L2 AR-1221-3    | 4.706  | 3.957  | 186309   | 118824   | 3.457  | 2.675     |
| 11)                         | L3 AR-1232-1    | 4.706  | 3.957  | 186309   | 118824   | 4.142  | 3.193     |
| 12)                         | L3 AR-1232-2    | 5.248  | 4.685  | 635689   | 269804   | 24.361 | 5.034 #   |
| 13)                         | L3 AR-1232-3    | 5.526  | 0.000  | 659108   | 0        | 14.329 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.692  | 4.965  | 171101   | 2696214  | 7.641  | 160.726 # |
| 15)                         | L3 AR-1232-5    | 5.778  | 0.000  | 148750   | 0        | 8.359  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.507  | 4.685  | 795850   | 269804   | 13.403 | 6.391 #   |
| 17)                         | L4 AR-1242-2    | 5.526  | 4.685  | 659108   | 269804   | 7.709  | 4.634 #   |
| 18)                         | L4 AR-1242-3    | 5.582f | 0.000  | 845666   | 0        | 15.478 | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.692  | 4.965  | 171101   | 2696214  | 4.082  | 77.290 #  |
| 20)                         | L4 AR-1242-5    | 6.433  | 5.499f | 686374   | 4871224  | 20.910 | 129.470 # |
| 21)                         | L5 AR-1248-1    | 5.507  | 4.685  | 795850   | 269804   | 17.726 | 8.294 #   |
| 22)                         | L5 AR-1248-2    | 5.778  | 0.000  | 148750   | 0        | 2.341  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.007f | 4.965  | 193436   | 2696214  | 3.263  | 52.247 #  |
| 24)                         | L5 AR-1248-4    | 6.402  | 0.000  | 392186   | 0        | 6.770  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.433  | 5.499f | 686374   | 4871224  | 12.370 | 98.221 #  |
| 26)                         | L6 AR-1254-1    | 6.366  | 5.499f | 2106793  | 4871224  | 33.907 | 56.803 #  |
| 27)                         | L6 AR-1254-2    | 6.587  | 5.635  | 40530    | 5889807  | 0.432  | 79.281 #  |
| 28)                         | L6 AR-1254-3    | 6.952  | 6.016f | 239689   | 5718533  | 2.525  | 49.267 #  |
| 31)                         | L7 AR-1260-1    | 7.118  | 0.000  | 134187   | 0        | 1.721  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.392  | 6.331f | 1410267  | 6538499  | 15.745 | 68.366 #  |
| 33)                         | L7 AR-1260-3    | 7.726f | 6.489f | 1842410  | 999635   | 26.961 | 10.936 #  |
| 36)                         | L8 AR-1262-1    | 7.726f | 6.792f | 1842410  | 1045706  | 21.901 | 25.613    |
| 39)                         | L8 AR-1262-4    | 8.681  | 0.000  | 54767    | 0        | 1.082  | N.D. #    |
| 40)                         | L8 AR-1262-5    | 9.354  | 8.061  | 983575   | 444504   | 17.509 | 8.069 #   |
| 42)                         | L9 AR-1268-2    | 8.681  | 0.000  | 54767    | 0        | 0.310  | N.D. #    |
| 43)                         | L9 AR-1268-3    | 8.896f | 7.783  | 108952   | 145168   | 0.702  | 0.849     |
| 44)                         | L9 AR-1268-4    | 9.354  | 8.061  | 983575   | 444504   | 14.375 | 7.035 #   |
| 45)                         | L9 AR-1268-5    | 9.749  | 8.354  | 183330   | 222354   | 0.360  | 0.454 #   |
| -----                       |                 |        |        |          |          |        |           |

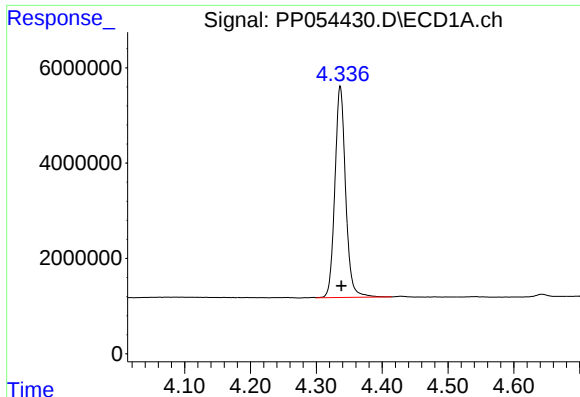
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :  
ECD\_P  
ClientSampleId :

**Instrument :**  
ECD\_P  
**ClientSampleId :**

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

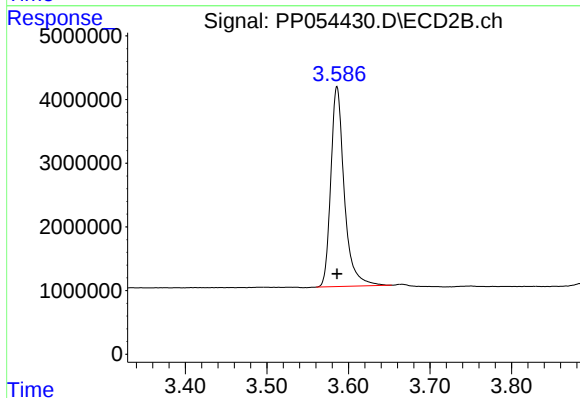




#1 Tetrachloro-m-xylene

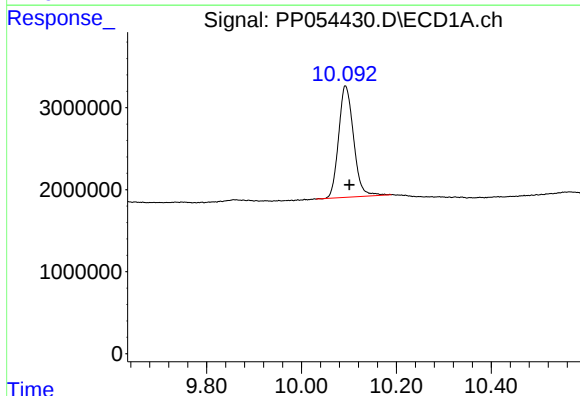
R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 50247486  
Conc: 24.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



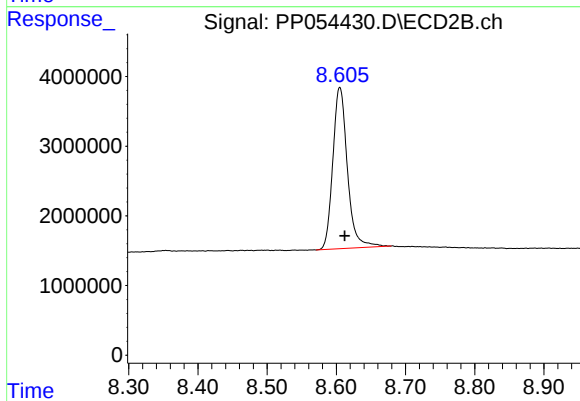
#1 Tetrachloro-m-xylene

R.T.: 3.586 min  
Delta R.T.: 0.000 min  
Response: 36014294  
Conc: 22.33 ng/ml



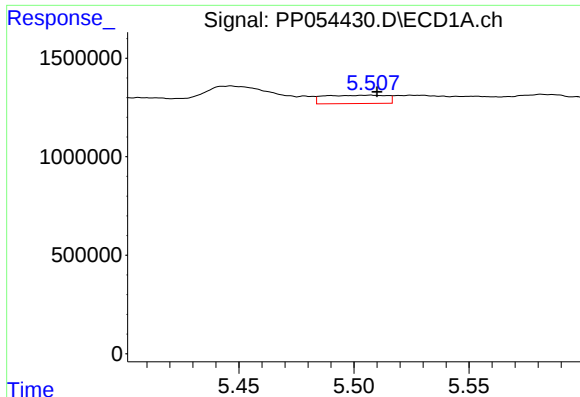
#2 Decachlorobiphenyl

R.T.: 10.093 min  
Delta R.T.: -0.008 min  
Response: 29742730  
Conc: 20.71 ng/ml



#2 Decachlorobiphenyl

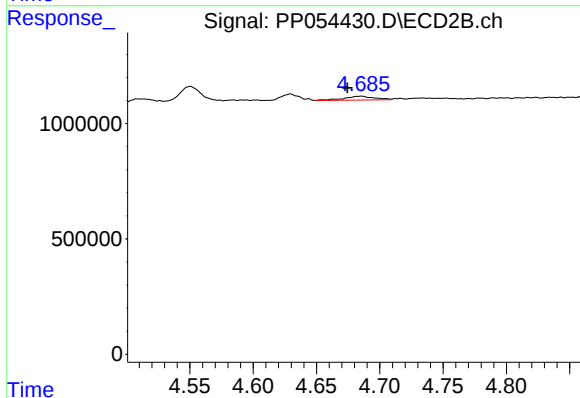
R.T.: 8.605 min  
Delta R.T.: -0.007 min  
Response: 33891945  
Conc: 24.03 ng/ml



#3 AR-1016-1

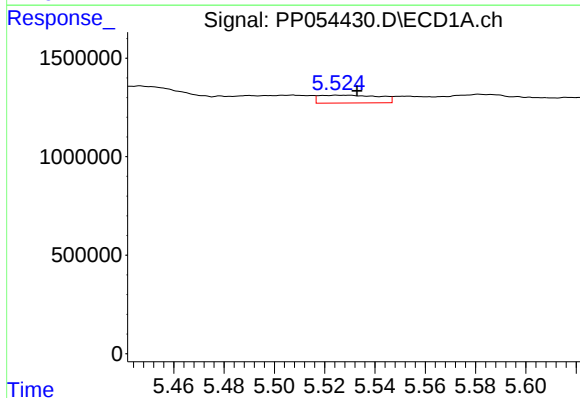
R.T.: 5.507 min  
Delta R.T.: -0.003 min  
Response: 795850  
Conc: 10.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



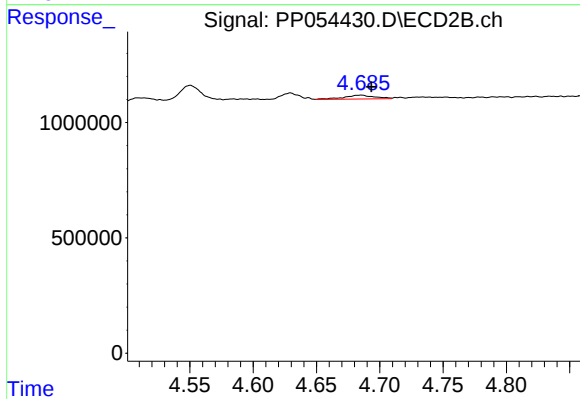
#3 AR-1016-1

R.T.: 4.685 min  
Delta R.T.: 0.011 min  
Response: 269804  
Conc: 5.19 ng/ml



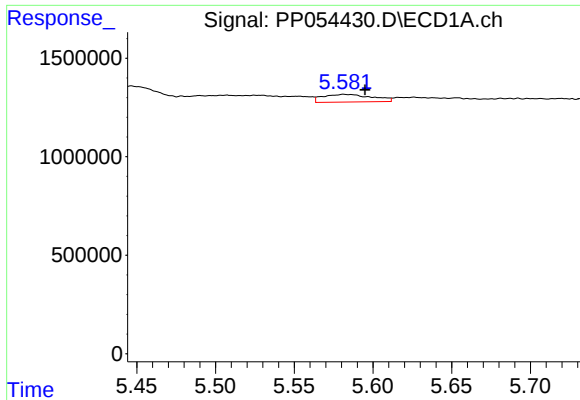
#4 AR-1016-2

R.T.: 5.526 min  
Delta R.T.: -0.007 min  
Response: 659108  
Conc: 6.18 ng/ml



#4 AR-1016-2

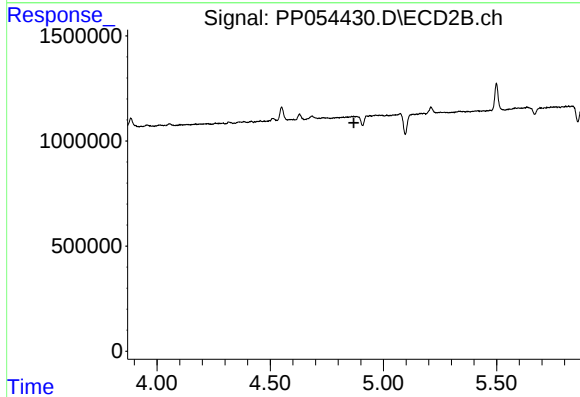
R.T.: 4.685 min  
Delta R.T.: -0.008 min  
Response: 269804  
Conc: 3.77 ng/ml



#5 AR-1016-3

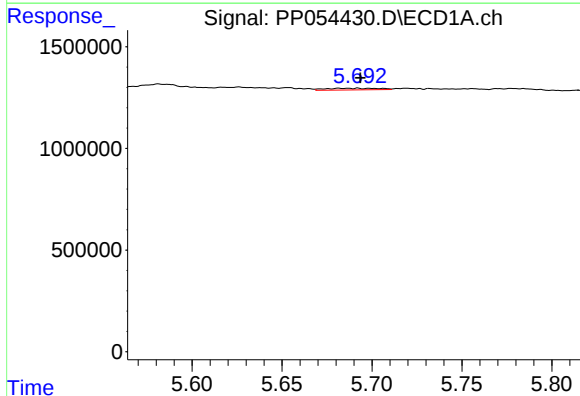
R.T.: 5.582 min  
Delta R.T.: -0.013 min  
Response: 845666  
Conc: 12.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



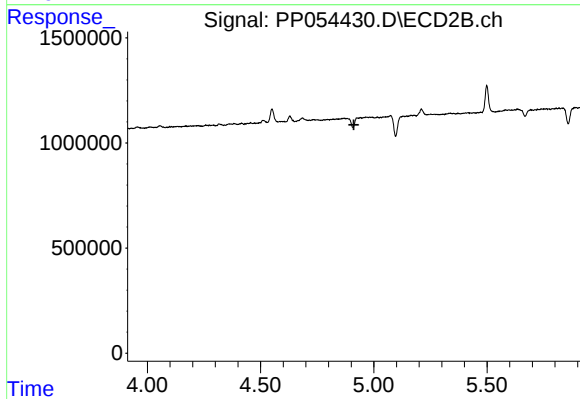
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.870 min  
Response: 0  
Conc: N.D.



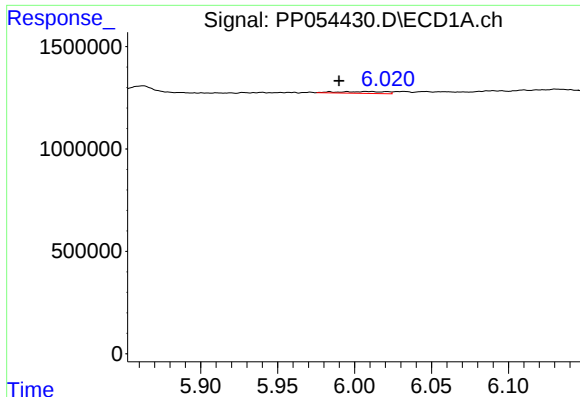
#6 AR-1016-4

R.T.: 5.692 min  
Delta R.T.: -0.002 min  
Response: 171101  
Conc: 3.29 ng/ml



#6 AR-1016-4

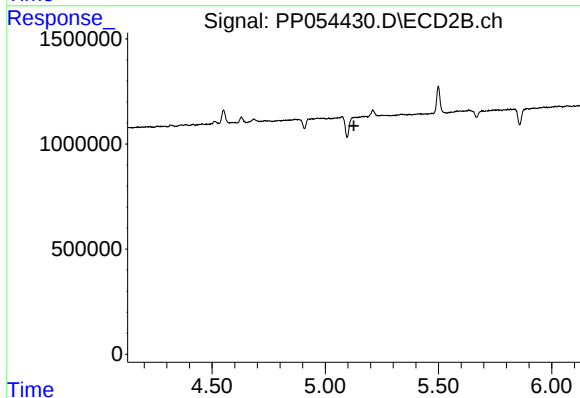
R.T.: 0.000 min  
Exp R.T. : 4.912 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

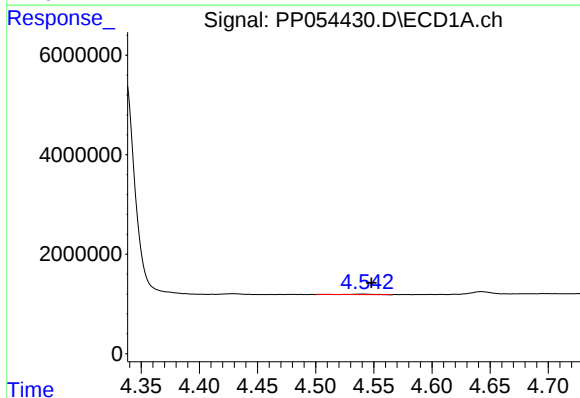
R.T.: 6.007 min  
Delta R.T.: 0.018 min  
Response: 193436  
Conc: 4.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



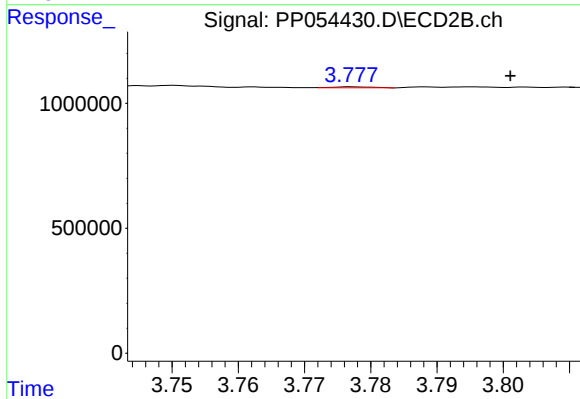
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.126 min  
Response: 0  
Conc: N.D.



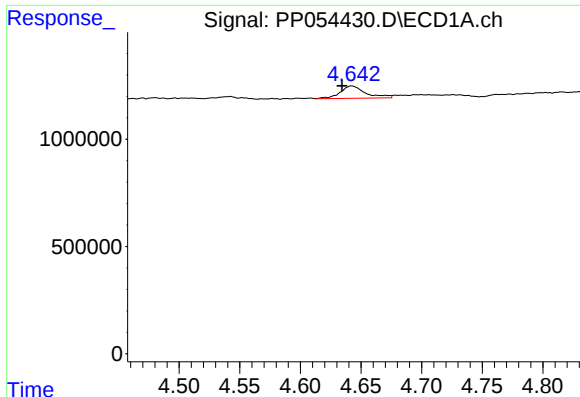
#8 AR-1221-1

R.T.: 4.542 min  
Delta R.T.: -0.006 min  
Response: 138603  
Conc: 5.76 ng/ml



#8 AR-1221-1

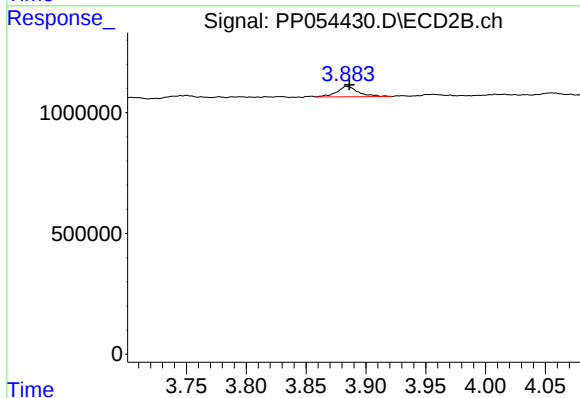
R.T.: 3.777 min  
Delta R.T.: -0.024 min  
Response: 14561  
Conc: 0.76 ng/ml



#9 AR-1221-2

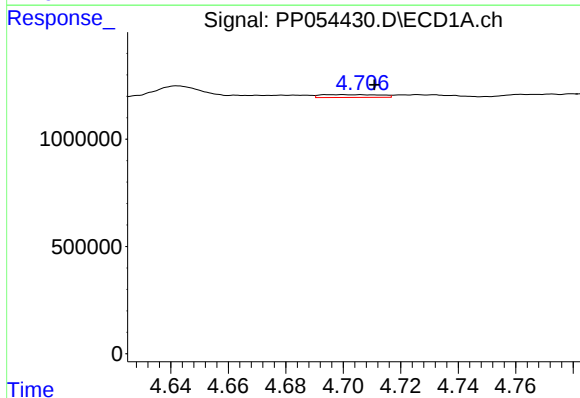
R.T.: 4.642 min  
Delta R.T.: 0.008 min  
Response: 840384  
Conc: 47.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



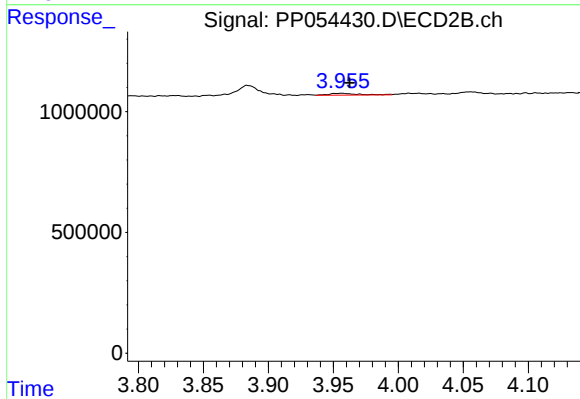
#9 AR-1221-2

R.T.: 3.884 min  
Delta R.T.: -0.002 min  
Response: 541283  
Conc: 36.71 ng/ml



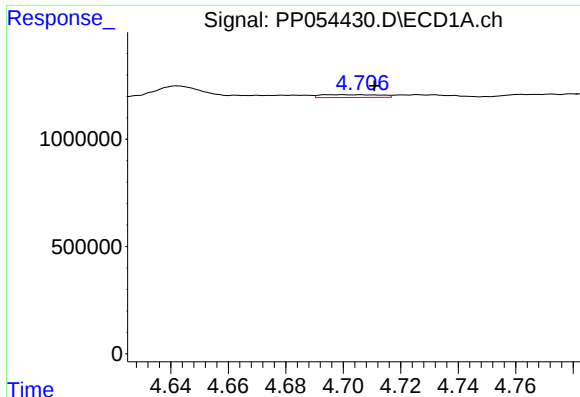
#10 AR-1221-3

R.T.: 4.706 min  
Delta R.T.: -0.005 min  
Response: 186309  
Conc: 3.46 ng/ml



#10 AR-1221-3

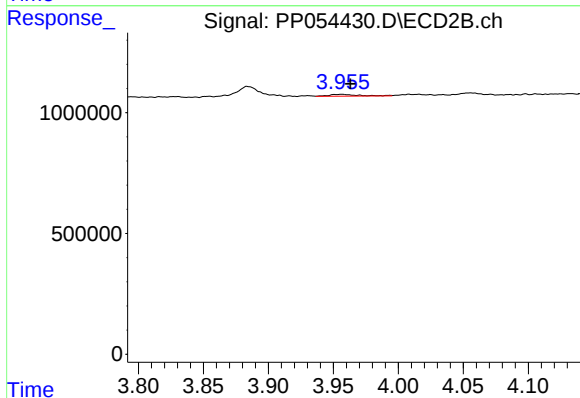
R.T.: 3.957 min  
Delta R.T.: -0.006 min  
Response: 118824  
Conc: 2.68 ng/ml



#11 AR-1232-1

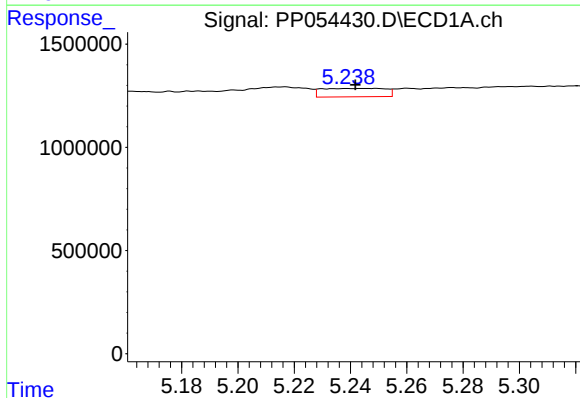
R.T.: 4.706 min  
Delta R.T.: -0.005 min  
Response: 186309  
Conc: 4.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



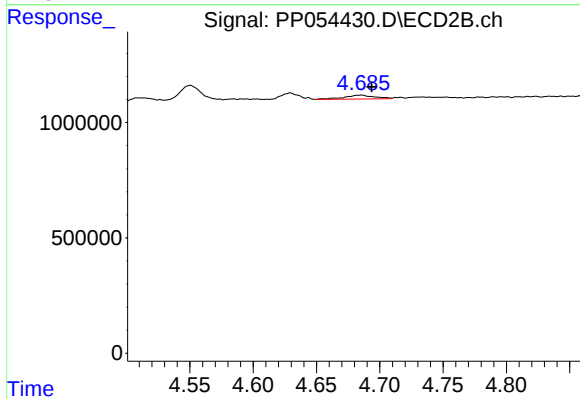
#11 AR-1232-1

R.T.: 3.957 min  
Delta R.T.: -0.006 min  
Response: 118824  
Conc: 3.19 ng/ml



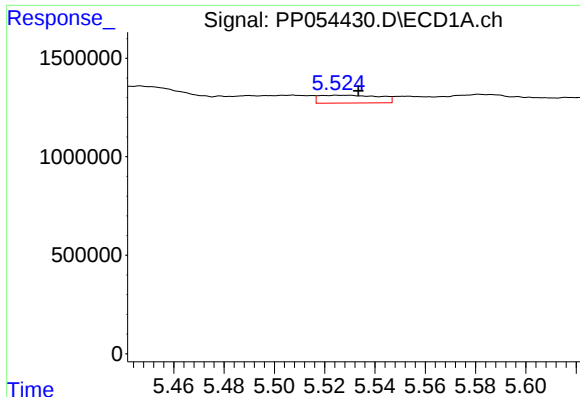
#12 AR-1232-2

R.T.: 5.248 min  
Delta R.T.: 0.007 min  
Response: 635689  
Conc: 24.36 ng/ml



#12 AR-1232-2

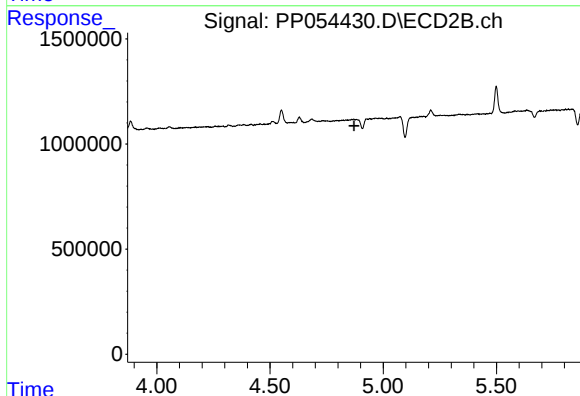
R.T.: 4.685 min  
Delta R.T.: -0.008 min  
Response: 269804  
Conc: 5.03 ng/ml



#13 AR-1232-3

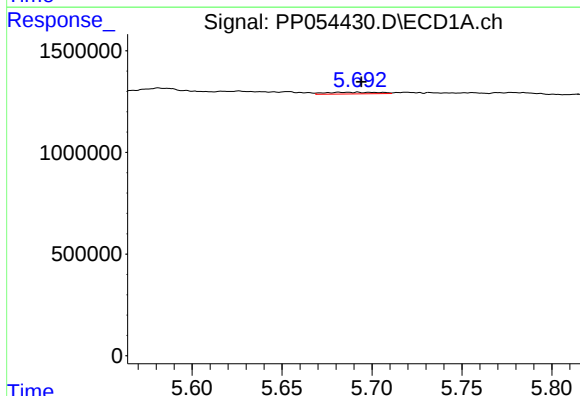
R.T.: 5.526 min  
Delta R.T.: -0.008 min  
Response: 659108  
Conc: 14.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



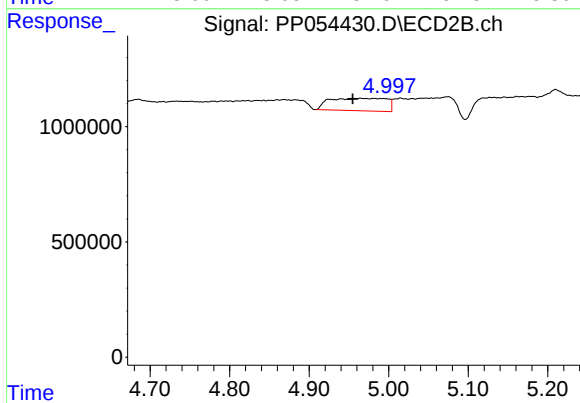
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.871 min  
Response: 0  
Conc: N.D.



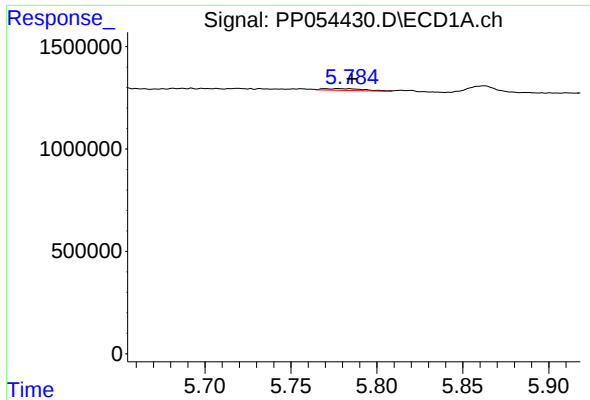
#14 AR-1232-4

R.T.: 5.692 min  
Delta R.T.: -0.002 min  
Response: 171101  
Conc: 7.64 ng/ml



#14 AR-1232-4

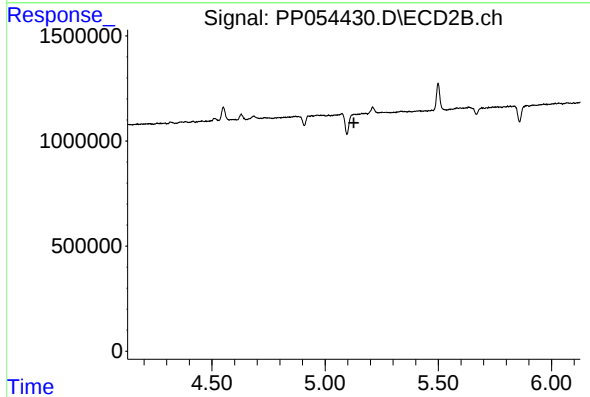
R.T.: 4.965 min  
Delta R.T.: 0.011 min  
Response: 2696214  
Conc: 160.73 ng/ml



#15 AR-1232-5

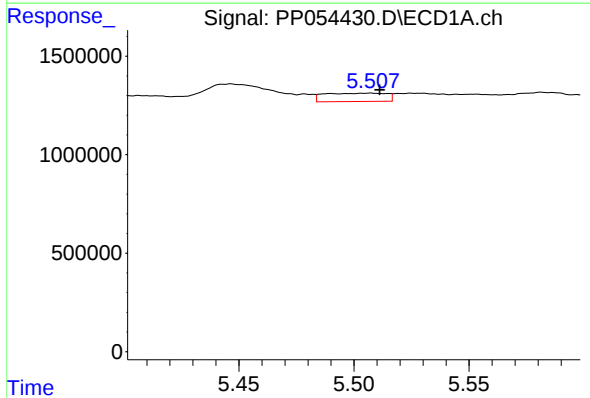
R.T.: 5.778 min  
Delta R.T.: -0.008 min  
Response: 148750  
Conc: 8.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



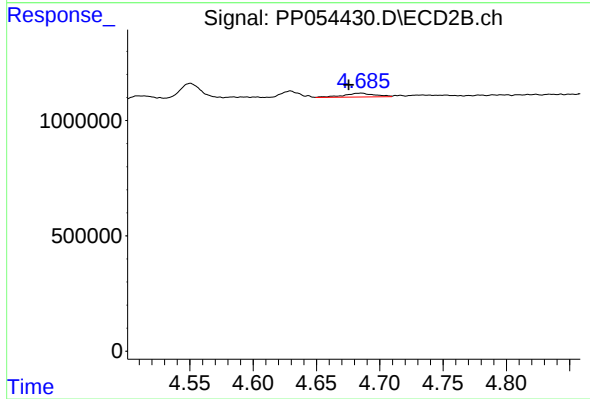
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.127 min  
Response: 0  
Conc: N.D.



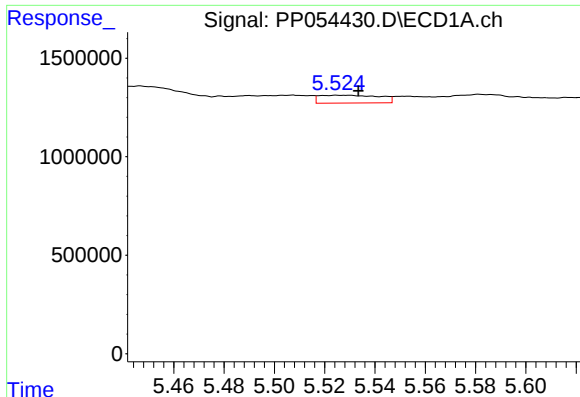
#16 AR-1242-1

R.T.: 5.507 min  
Delta R.T.: -0.004 min  
Response: 795850  
Conc: 13.40 ng/ml



#16 AR-1242-1

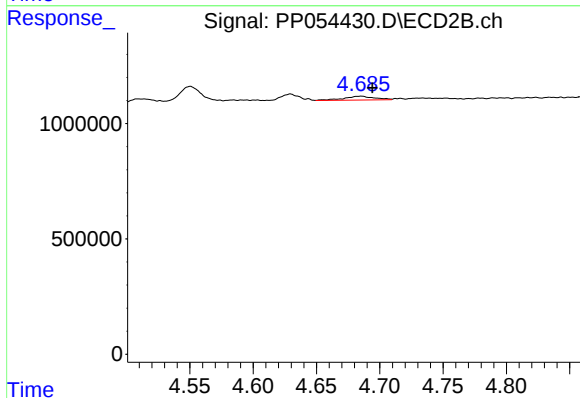
R.T.: 4.685 min  
Delta R.T.: 0.010 min  
Response: 269804  
Conc: 6.39 ng/ml



#17 AR-1242-2

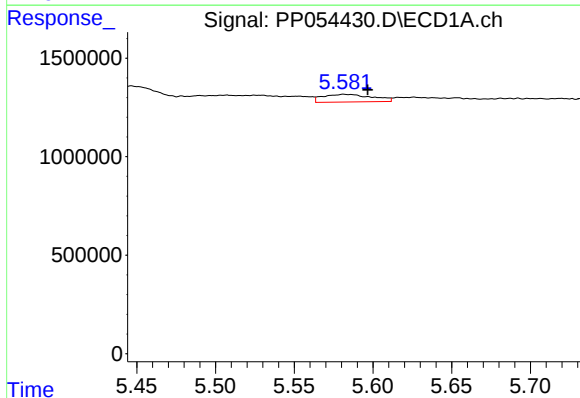
R.T.: 5.526 min  
Delta R.T.: -0.008 min  
Response: 659108  
Conc: 7.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



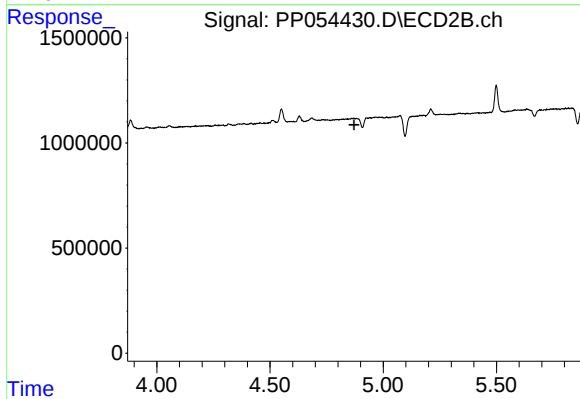
#17 AR-1242-2

R.T.: 4.685 min  
Delta R.T.: -0.009 min  
Response: 269804  
Conc: 4.63 ng/ml



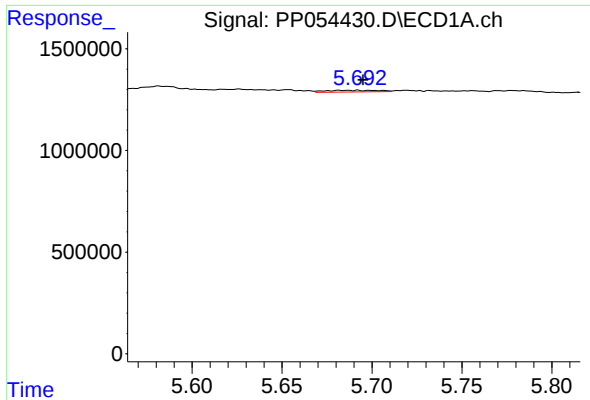
#18 AR-1242-3

R.T.: 5.582 min  
Delta R.T.: -0.015 min  
Response: 845666  
Conc: 15.48 ng/ml



#18 AR-1242-3

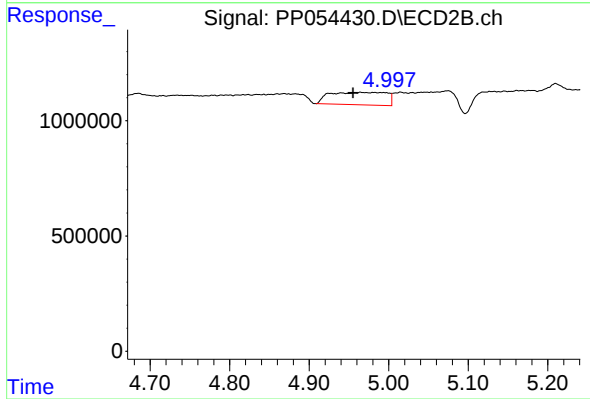
R.T.: 0.000 min  
Exp R.T.: 4.871 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

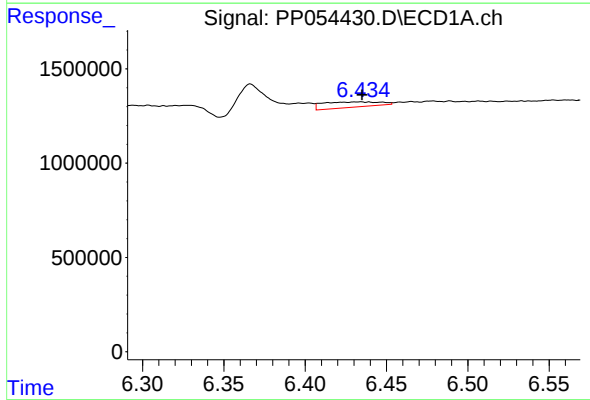
R.T.: 5.692 min  
Delta R.T.: -0.003 min  
Response: 171101  
Conc: 4.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



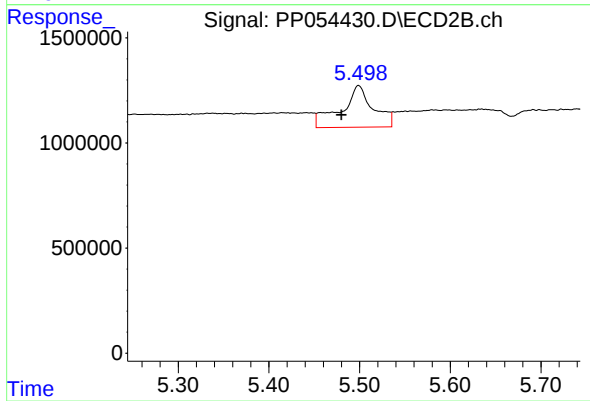
#19 AR-1242-4

R.T.: 4.965 min  
Delta R.T.: 0.011 min  
Response: 2696214  
Conc: 77.29 ng/ml



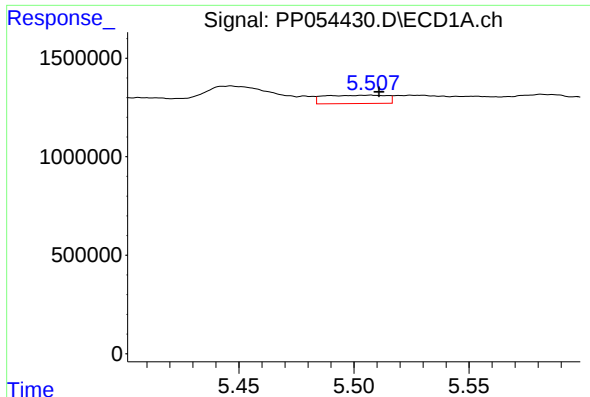
#20 AR-1242-5

R.T.: 6.433 min  
Delta R.T.: -0.002 min  
Response: 686374  
Conc: 20.91 ng/ml



#20 AR-1242-5

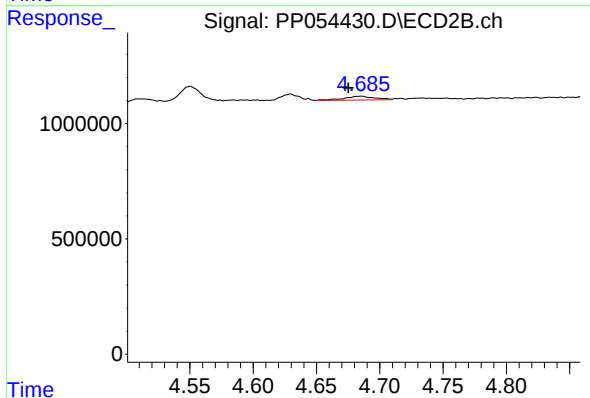
R.T.: 5.499 min  
Delta R.T.: 0.019 min  
Response: 4871224  
Conc: 129.47 ng/ml



#21 AR-1248-1

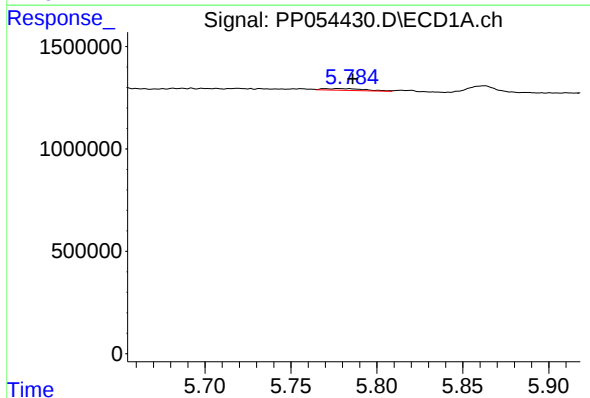
R.T.: 5.507 min  
Delta R.T.: -0.004 min  
Response: 795850  
Conc: 17.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



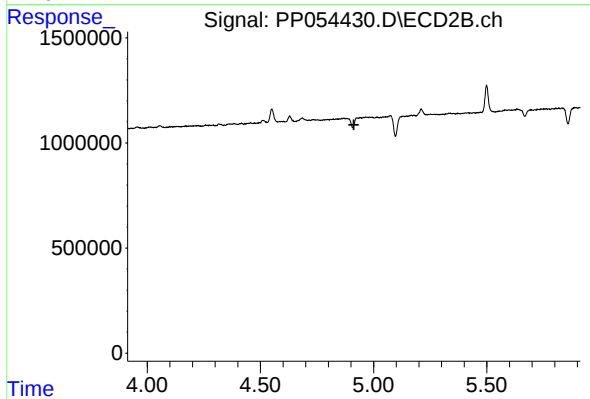
#21 AR-1248-1

R.T.: 4.685 min  
Delta R.T.: 0.010 min  
Response: 269804  
Conc: 8.29 ng/ml



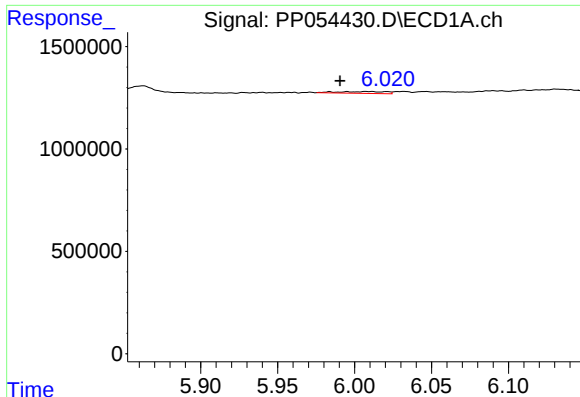
#22 AR-1248-2

R.T.: 5.778 min  
Delta R.T.: -0.008 min  
Response: 148750  
Conc: 2.34 ng/ml



#22 AR-1248-2

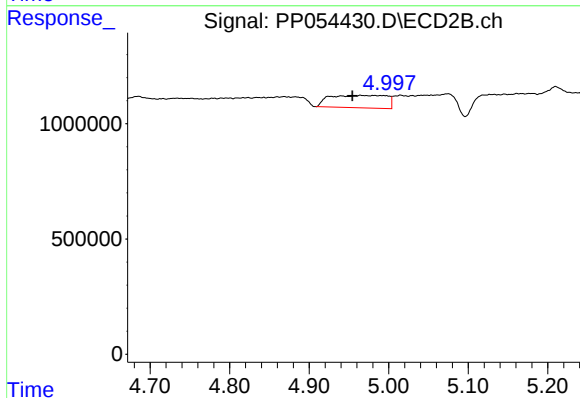
R.T.: 0.000 min  
Exp R.T.: 4.913 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

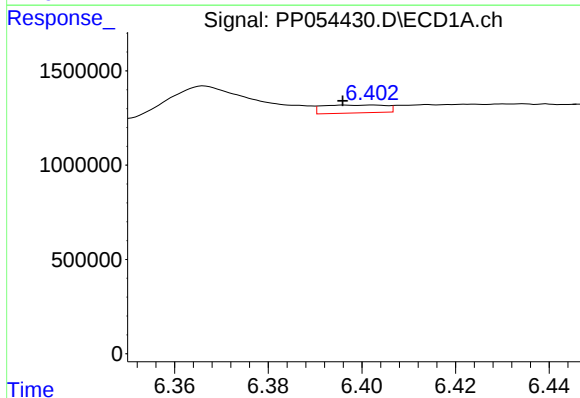
R.T.: 6.007 min  
Delta R.T.: 0.017 min  
Response: 193436  
Conc: 3.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



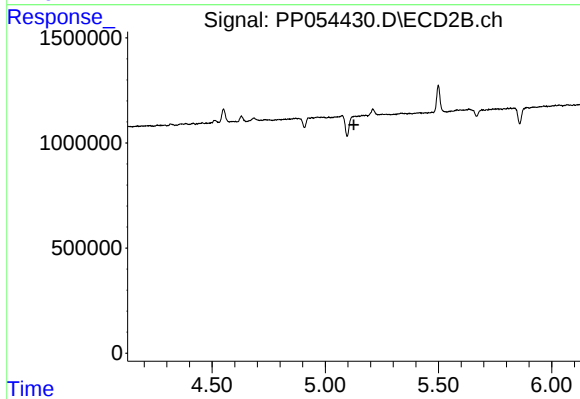
#23 AR-1248-3

R.T.: 4.965 min  
Delta R.T.: 0.011 min  
Response: 2696214  
Conc: 52.25 ng/ml



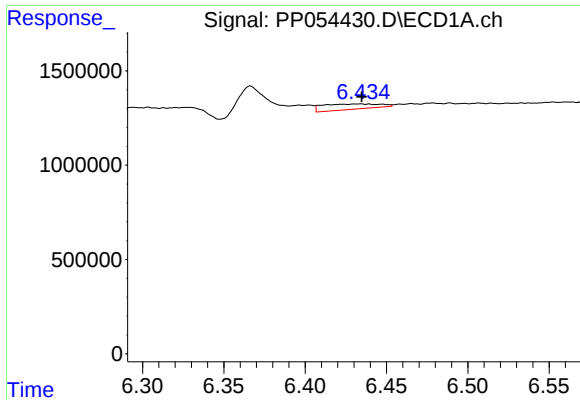
#24 AR-1248-4

R.T.: 6.402 min  
Delta R.T.: 0.006 min  
Response: 392186  
Conc: 6.77 ng/ml



#24 AR-1248-4

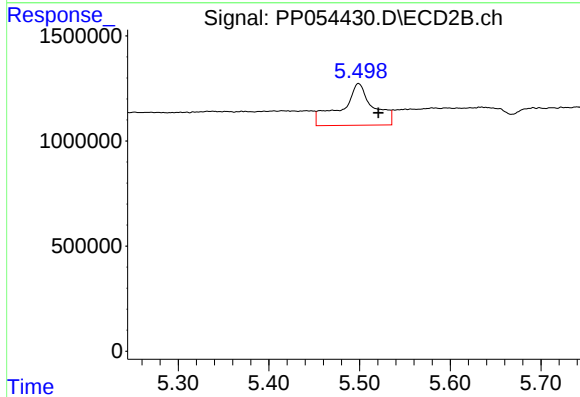
R.T.: 0.000 min  
Exp R.T.: 5.126 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

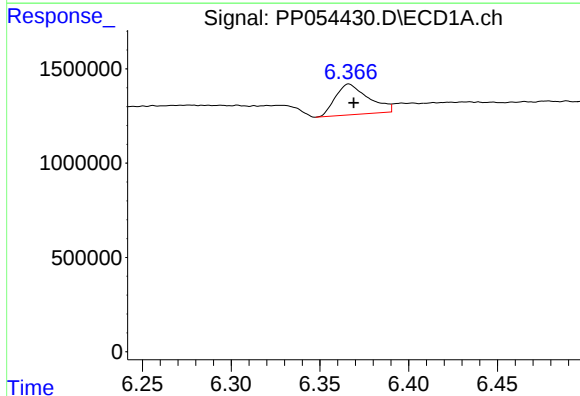
R.T.: 6.433 min  
Delta R.T.: -0.002 min  
Response: 686374  
Conc: 12.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



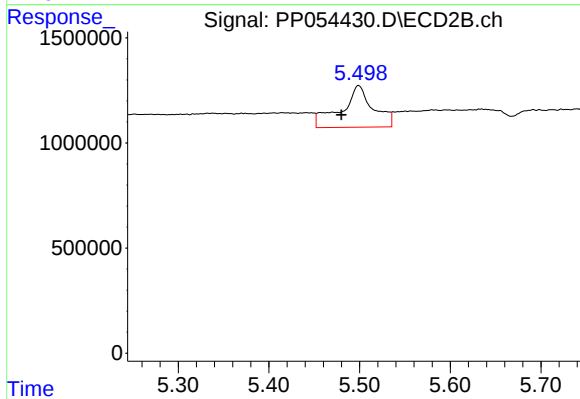
#25 AR-1248-5

R.T.: 5.499 min  
Delta R.T.: -0.022 min  
Response: 4871224  
Conc: 98.22 ng/ml



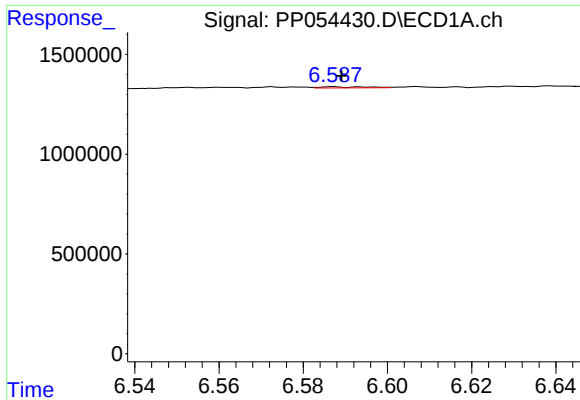
#26 AR-1254-1

R.T.: 6.366 min  
Delta R.T.: -0.003 min  
Response: 2106793  
Conc: 33.91 ng/ml



#26 AR-1254-1

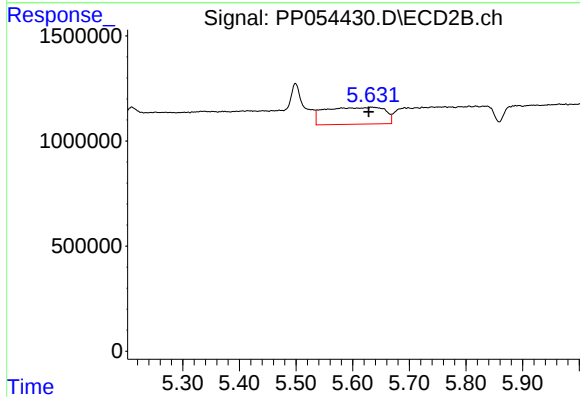
R.T.: 5.499 min  
Delta R.T.: 0.019 min  
Response: 4871224  
Conc: 56.80 ng/ml



#27 AR-1254-2

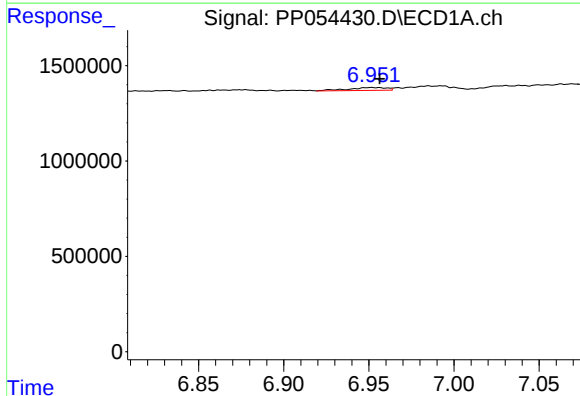
R.T.: 6.587 min  
Delta R.T.: -0.002 min  
Response: 40530  
Conc: 0.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



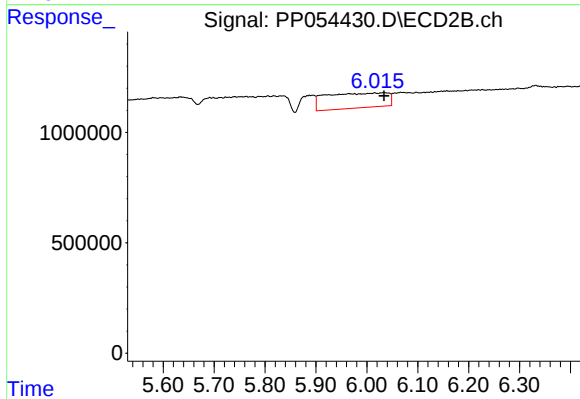
#27 AR-1254-2

R.T.: 5.635 min  
Delta R.T.: 0.007 min  
Response: 5889807  
Conc: 79.28 ng/ml



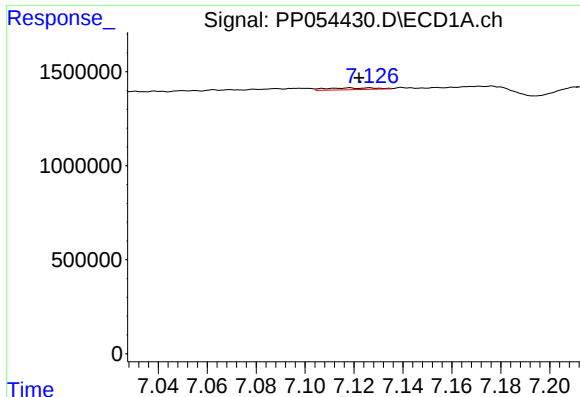
#28 AR-1254-3

R.T.: 6.952 min  
Delta R.T.: -0.005 min  
Response: 239689  
Conc: 2.53 ng/ml



#28 AR-1254-3

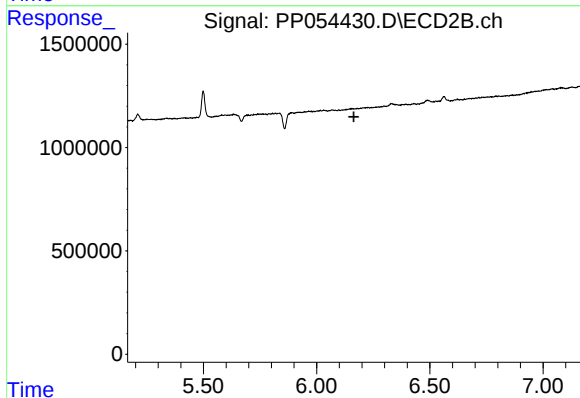
R.T.: 6.016 min  
Delta R.T.: -0.018 min  
Response: 5718533  
Conc: 49.27 ng/ml



#31 AR-1260-1

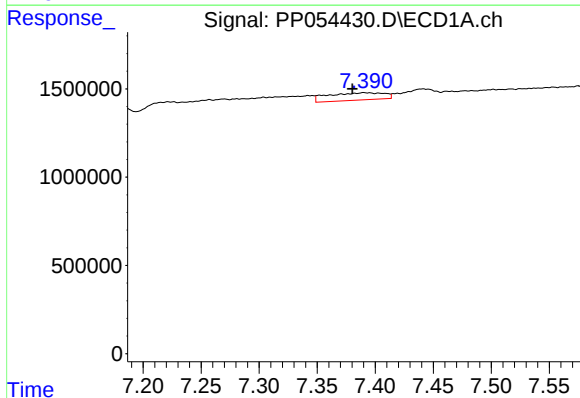
R.T.: 7.118 min  
Delta R.T.: -0.004 min  
Response: 134187  
Conc: 1.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



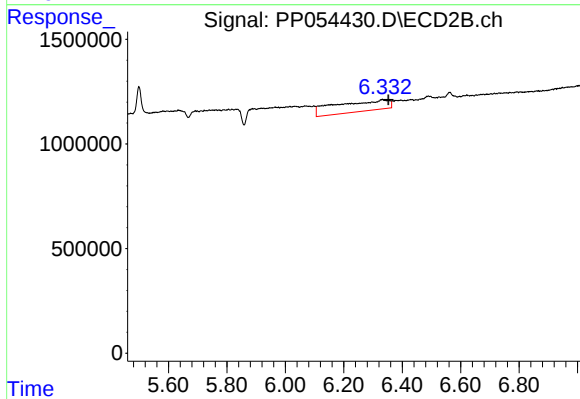
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.164 min  
Response: 0  
Conc: N.D.



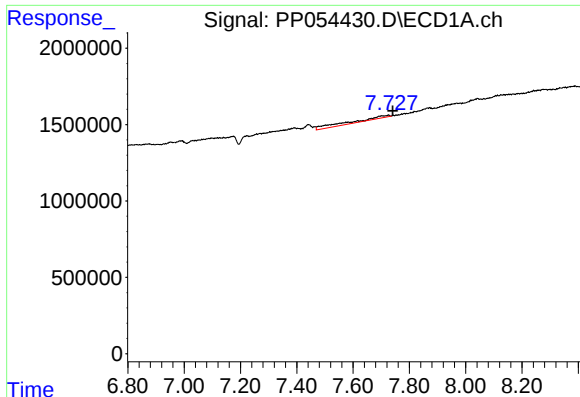
#32 AR-1260-2

R.T.: 7.392 min  
Delta R.T.: 0.011 min  
Response: 1410267  
Conc: 15.75 ng/ml



#32 AR-1260-2

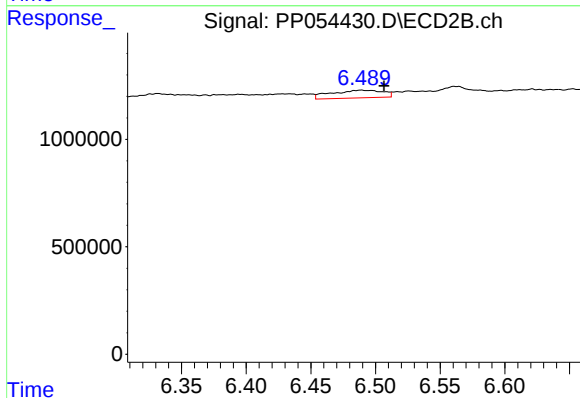
R.T.: 6.331 min  
Delta R.T.: -0.021 min  
Response: 6538499  
Conc: 68.37 ng/ml



#33 AR-1260-3

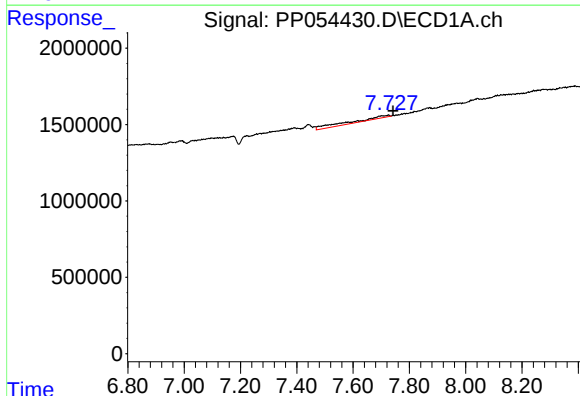
R.T.: 7.726 min  
Delta R.T.: -0.015 min  
Response: 1842410  
Conc: 26.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



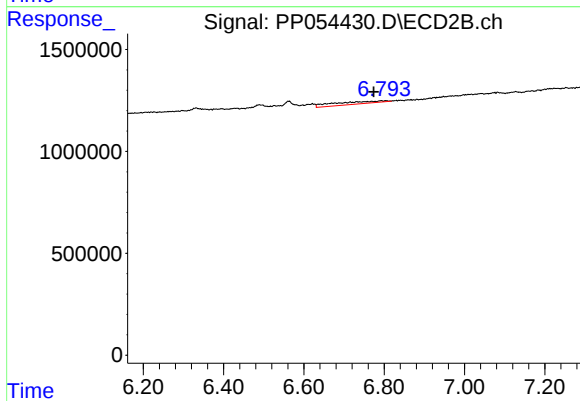
#33 AR-1260-3

R.T.: 6.489 min  
Delta R.T.: -0.017 min  
Response: 999635  
Conc: 10.94 ng/ml



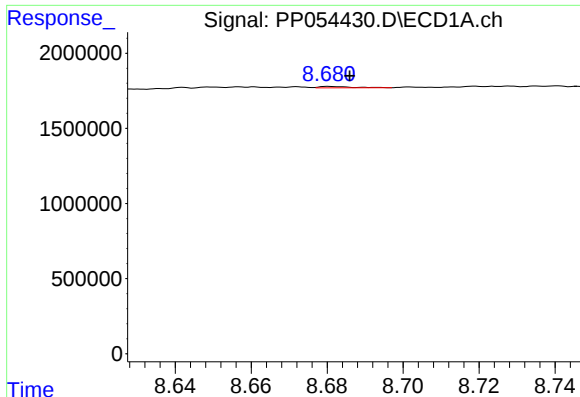
#36 AR-1262-1

R.T.: 7.726 min  
Delta R.T.: -0.016 min  
Response: 1842410  
Conc: 21.90 ng/ml



#36 AR-1262-1

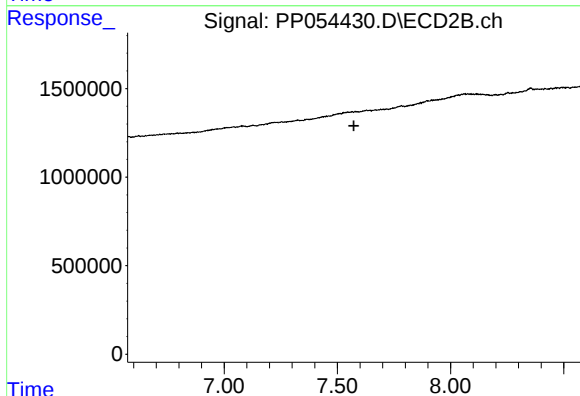
R.T.: 6.792 min  
Delta R.T.: 0.018 min  
Response: 1045706  
Conc: 25.61 ng/ml



#39 AR-1262-4

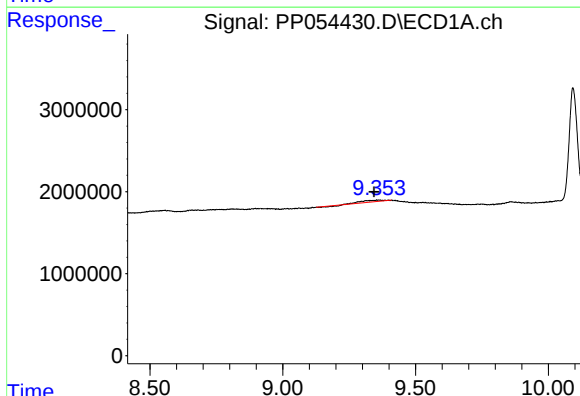
R.T.: 8.681 min  
Delta R.T.: -0.005 min  
Response: 54767  
Conc: 1.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



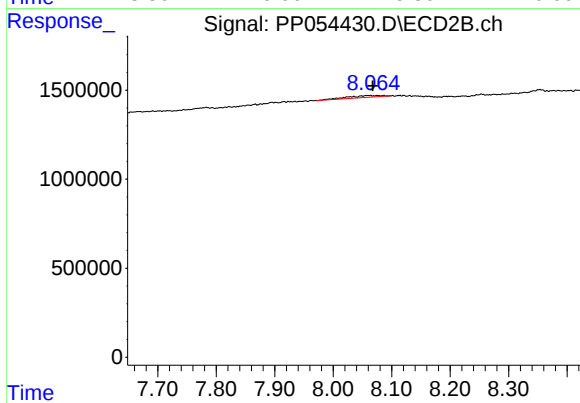
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.573 min  
Response: 0  
Conc: N.D.



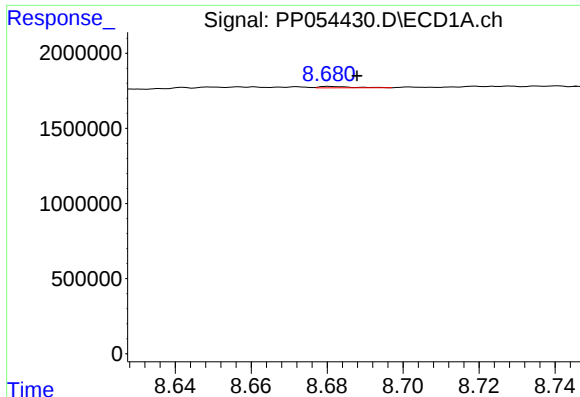
#40 AR-1262-5

R.T.: 9.354 min  
Delta R.T.: 0.010 min  
Response: 983575  
Conc: 17.51 ng/ml



#40 AR-1262-5

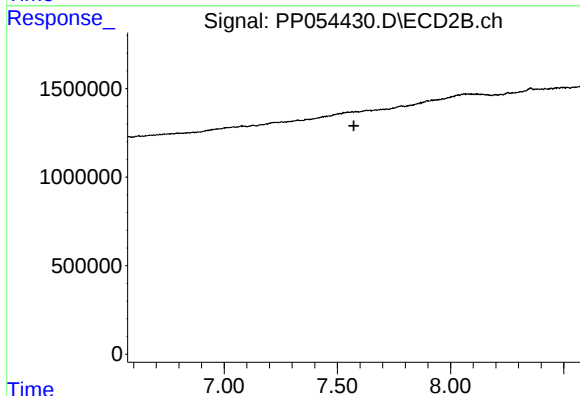
R.T.: 8.061 min  
Delta R.T.: -0.007 min  
Response: 444504  
Conc: 8.07 ng/ml



#42 AR-1268-2

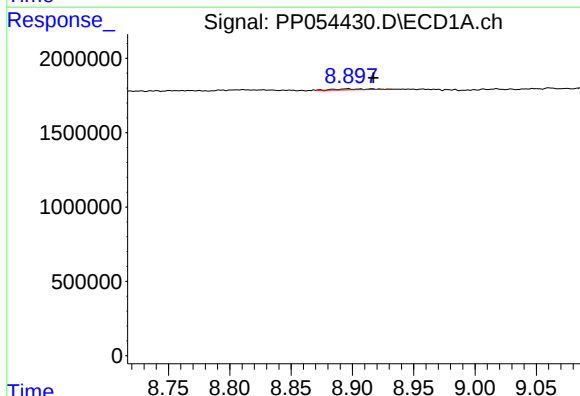
R.T.: 8.681 min  
Delta R.T.: -0.007 min  
Response: 54767  
Conc: 0.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



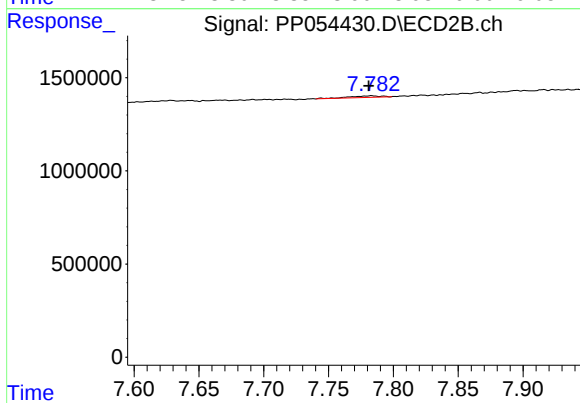
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.573 min  
Response: 0  
Conc: N.D.



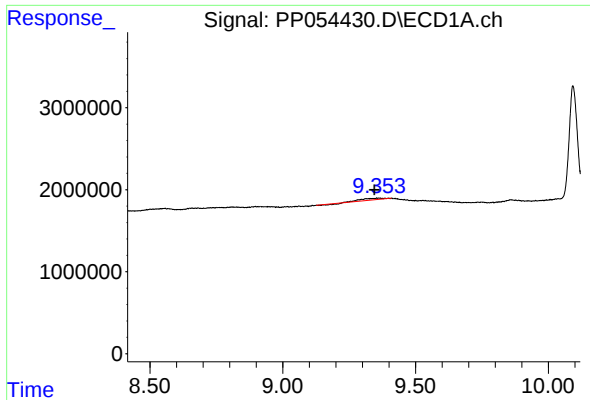
#43 AR-1268-3

R.T.: 8.896 min  
Delta R.T.: -0.021 min  
Response: 108952  
Conc: 0.70 ng/ml



#43 AR-1268-3

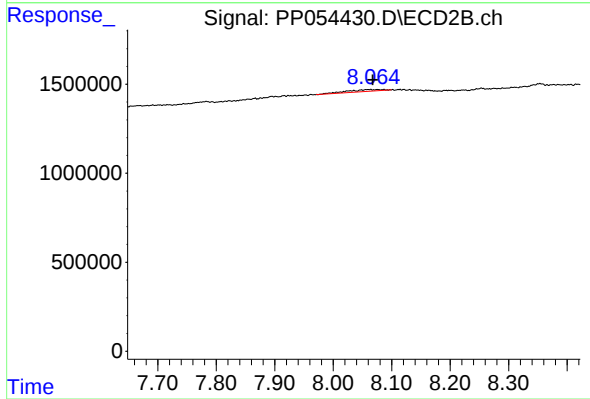
R.T.: 7.783 min  
Delta R.T.: 0.002 min  
Response: 145168  
Conc: 0.85 ng/ml



#44 AR-1268-4

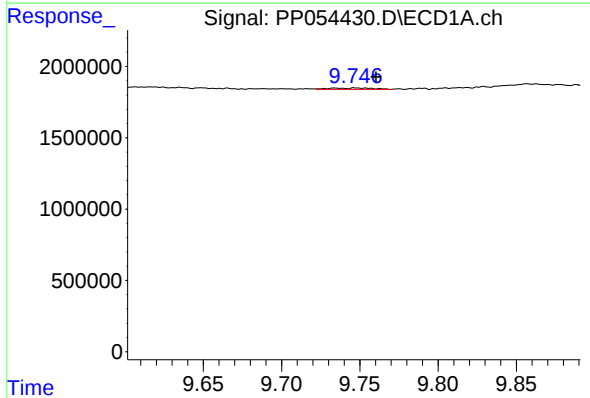
R.T.: 9.354 min  
Delta R.T.: 0.009 min  
Response: 983575  
Conc: 14.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



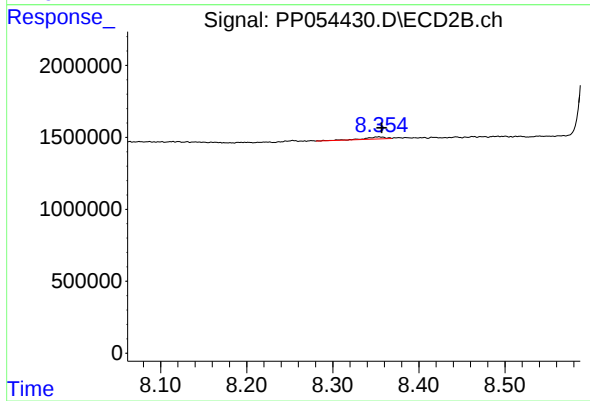
#44 AR-1268-4

R.T.: 8.061 min  
Delta R.T.: -0.007 min  
Response: 444504  
Conc: 7.04 ng/ml



#45 AR-1268-5

R.T.: 9.749 min  
Delta R.T.: -0.012 min  
Response: 183330  
Conc: 0.36 ng/ml



#45 AR-1268-5

R.T.: 8.354 min  
Delta R.T.: -0.003 min  
Response: 222354  
Conc: 0.45 ng/ml