

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP100224\  
 Data File : PP067451.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2024 00:35  
 Operator : YP\AJ  
 Sample : P4254-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 01:34:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092624.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 27 06:59:05 2024  
 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... | 4.753  | 4.052  | 23674628 | 25374856 | 17.614  | 16.983   |
| 2)                          | SA Decachlor... | 10.663 | 9.217  | 16251735 | 15625210 | 11.195  | 11.339   |
|                             |                 |        |        |          |          |         |          |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.874f | 5.174  | 5078491  | 1653214  | 106.513 | 32.052 # |
| 4)                          | L1 AR-1016-2    | 5.874f | 5.174  | 5078491  | 1653214  | 73.344  | 23.251 # |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.356  | 0        | 799734   | N.D.    | 20.095 # |
| 6)                          | L1 AR-1016-4    | 6.086  | 5.402  | 1068428  | 1108163  | 29.732  | 32.094   |
| 8)                          | L2 AR-1221-1    | 4.920  | 4.217f | 91236    | 653725   | 5.450   | 34.194 # |
| 9)                          | L2 AR-1221-2    | 5.059  | 4.361  | 1560993  | 472115   | 123.213 | 32.180 # |
| 10)                         | L2 AR-1221-3    | 5.126  | 4.424  | 964394   | 275857   | 24.919  | 6.361 #  |
| 11)                         | L3 AR-1232-1    | 5.126  | 4.424  | 964394   | 275857   | 30.078  | 7.669 #  |
| 12)                         | L3 AR-1232-2    | 5.648  | 5.174  | 1904918  | 1653214  | 107.021 | 49.905 # |
| 13)                         | L3 AR-1232-3    | 5.874f | 5.356  | 5078491  | 799734   | 160.648 | 44.514 # |
| 14)                         | L3 AR-1232-4    | 6.086  | 5.467  | 1068428  | 215931   | 66.210  | 12.347 # |
| 16)                         | L4 AR-1242-1    | 5.874f | 5.174  | 5078491  | 1653214  | 142.805 | 43.113 # |
| 17)                         | L4 AR-1242-2    | 5.874f | 5.174  | 5078491  | 1653214  | 97.067  | 31.569 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.356  | 0        | 799734   | N.D.    | 26.908 # |
| 19)                         | L4 AR-1242-4    | 6.086  | 5.467  | 1068428  | 215931   | 38.957  | 6.710 #  |
| 20)                         | L4 AR-1242-5    | 6.815  | 5.990  | 565623   | 2490985  | 19.005  | 65.246 # |
| 21)                         | L5 AR-1248-1    | 5.874f | 5.174  | 5078491  | 1653214  | 179.865 | 53.981 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.402  | 0        | 1108163  | N.D.    | 24.426 # |
| 23)                         | L5 AR-1248-3    | 6.409  | 5.467  | 221430   | 215931   | 4.563   | 4.562    |
| 24)                         | L5 AR-1248-4    | 6.785  | 5.597  | 1584834  | -648271  | 29.208  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.815  | 6.035  | 565623   | 97306    | 10.257  | 1.996 #  |
| 26)                         | L6 AR-1254-1    | 6.785  | 5.990  | 1584834  | 2490985  | 25.437  | 30.730   |
| 27)                         | L6 AR-1254-2    | 6.998  | 6.158  | 1781814  | 505483   | 19.638  | 6.892 #  |
| 28)                         | L6 AR-1254-3    | 7.370  | 6.510  | 1072552  | 344706   | 11.435  | 3.023 #  |
| 29)                         | L6 AR-1254-4    | 7.612  | 6.793  | 436026   | 74809    | 6.543   | 1.199 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.152f | 0        | 153603   | N.D.    | 1.496 #  |
| 31)                         | L7 AR-1260-1    | 7.583f | 6.649  | 425771   | 344410   | 5.404   | 4.210    |
| 32)                         | L7 AR-1260-2    | 7.772  | 6.846  | 1104704  | 352746   | 12.120  | 3.755 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.010  | 0        | 161986   | N.D.    | 1.788 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.702  | 0        | 867904   | N.D.    | 5.961 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.050f | 0        | 68922    | N.D.    | 0.940 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.104  | 0        | 138985   | N.D.    | 1.055 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.050f | 0        | 68922    | N.D.    | 0.342 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.104  | 0        | 138985   | N.D.    | 0.777 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.298  | 0        | 497825   | N.D.    | 3.134 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.967  | 0        | 150676   | N.D.    | 0.341 #  |
| -----                       |                 |        |        |          |          |         |          |

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

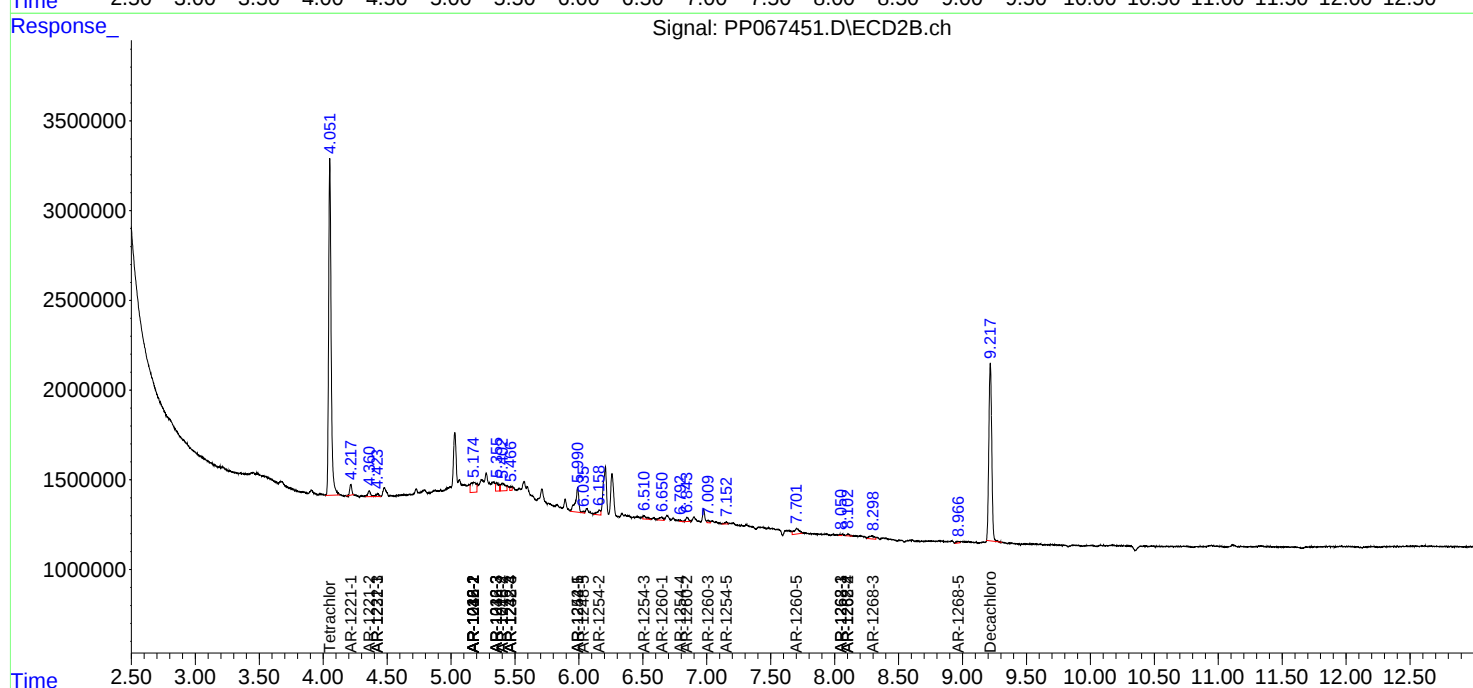
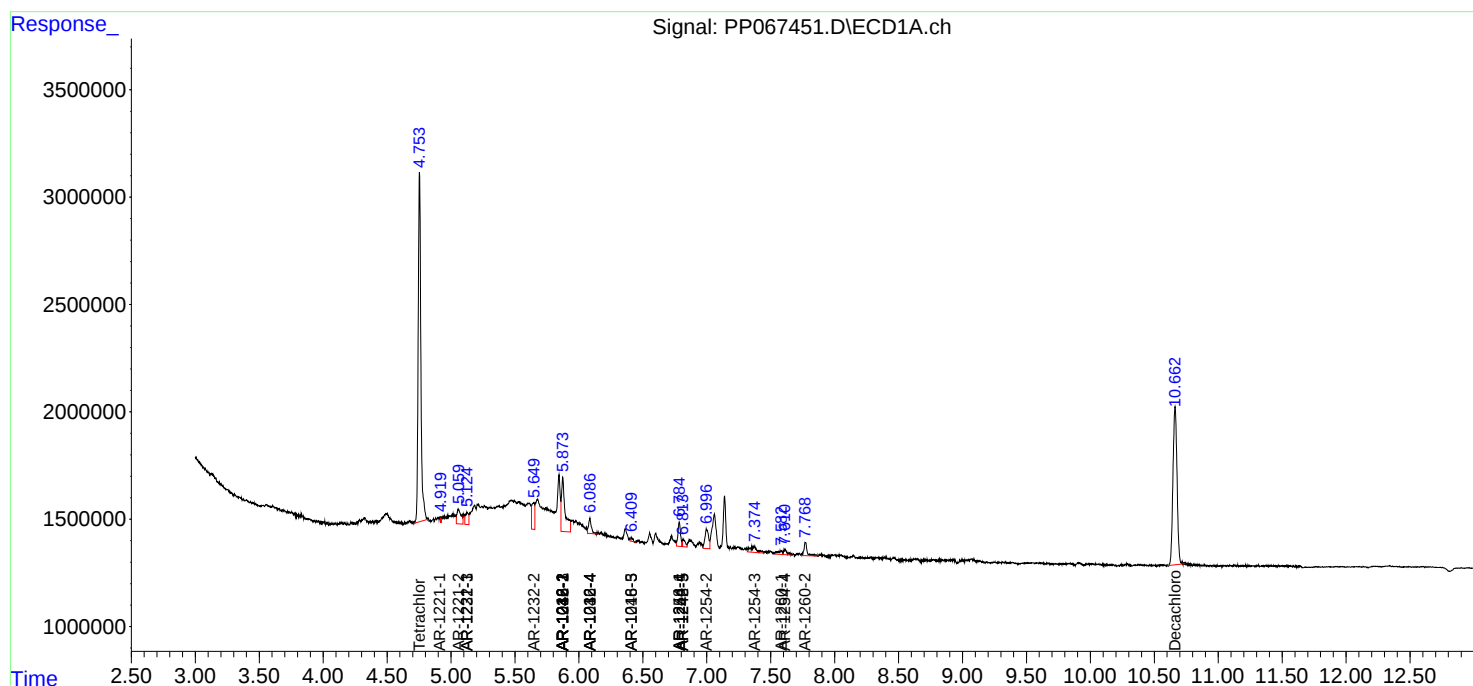
Instrument :  
ECD\_P  
ClientSampleId :

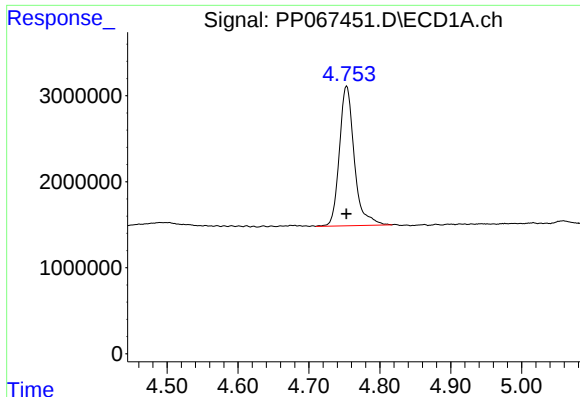
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP100224\  
Data File : PP067451.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2024 00:35  
Operator : YP\AJ  
Sample : P4254-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 01:34:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092624.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 27 06:59:05 2024  
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

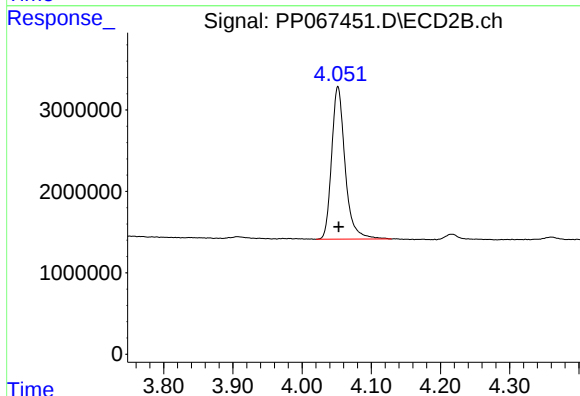




#1 Tetrachloro-m-xylene

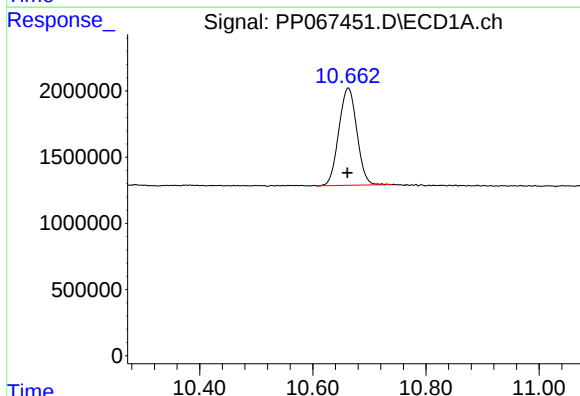
R.T.: 4.753 min  
Delta R.T.: 0.000 min  
Response: 23674628  
Conc: 17.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



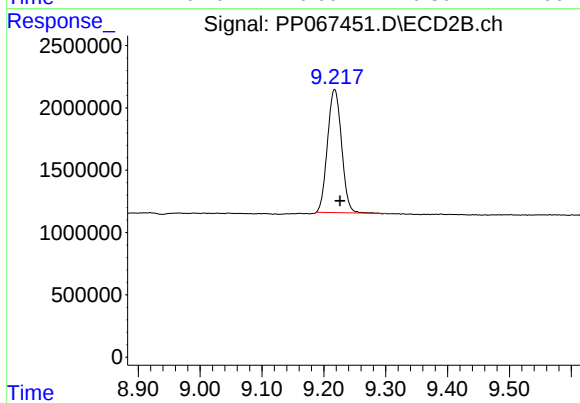
#1 Tetrachloro-m-xylene

R.T.: 4.052 min  
Delta R.T.: -0.001 min  
Response: 25374856  
Conc: 16.98 ng/ml



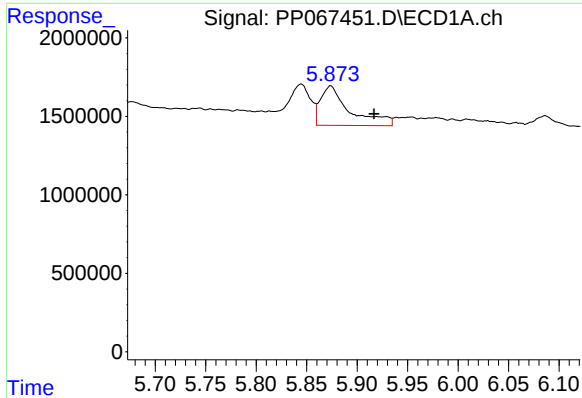
#2 Decachlorobiphenyl

R.T.: 10.663 min  
Delta R.T.: 0.002 min  
Response: 16251735  
Conc: 11.19 ng/ml



#2 Decachlorobiphenyl

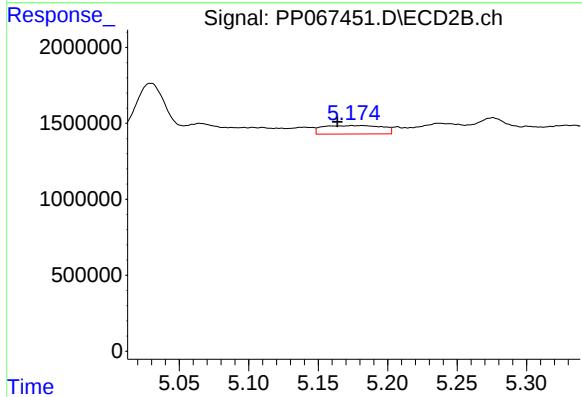
R.T.: 9.217 min  
Delta R.T.: -0.009 min  
Response: 15625210  
Conc: 11.34 ng/ml



#3 AR-1016-1

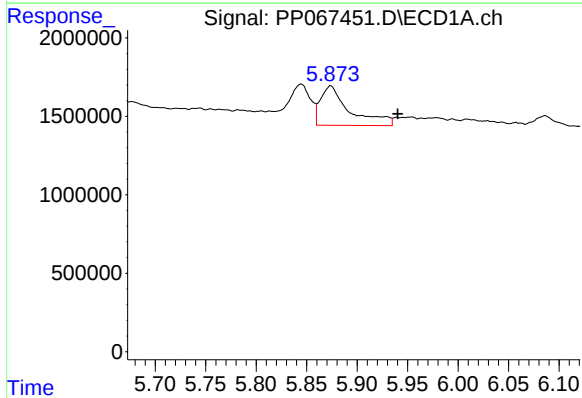
R.T.: 5.874 min  
Delta R.T.: -0.043 min  
Response: 5078491  
Conc: 106.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



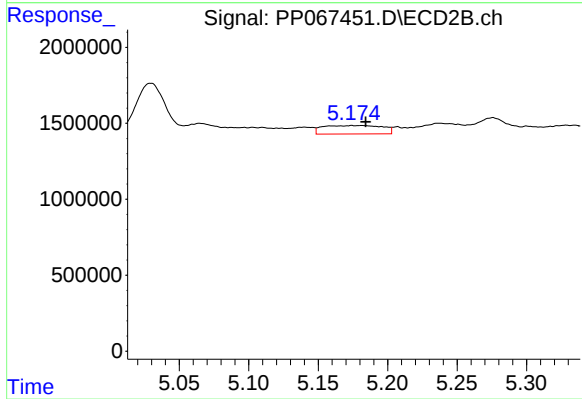
#3 AR-1016-1

R.T.: 5.174 min  
Delta R.T.: 0.010 min  
Response: 1653214  
Conc: 32.05 ng/ml



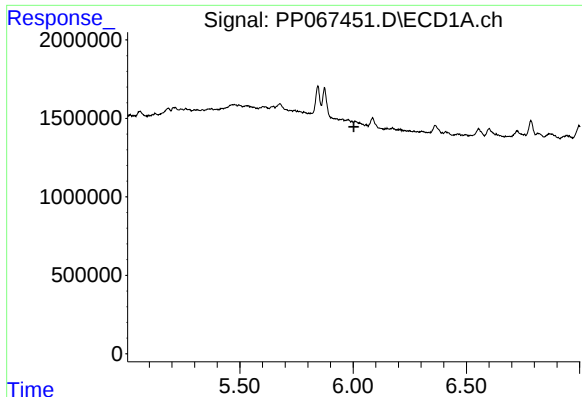
#4 AR-1016-2

R.T.: 5.874 min  
Delta R.T.: -0.066 min  
Response: 5078491  
Conc: 73.34 ng/ml



#4 AR-1016-2

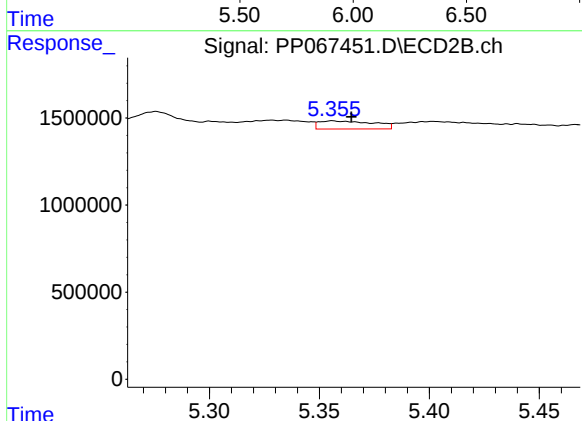
R.T.: 5.174 min  
Delta R.T.: -0.010 min  
Response: 1653214  
Conc: 23.25 ng/ml



#5 AR-1016-3

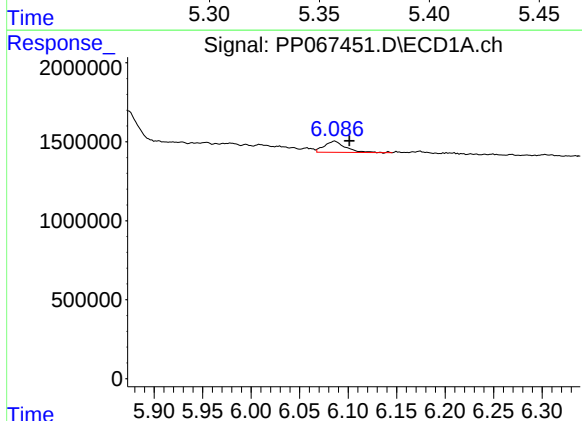
R.T.: 0.000 min  
Exp R.T.: 6.003 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



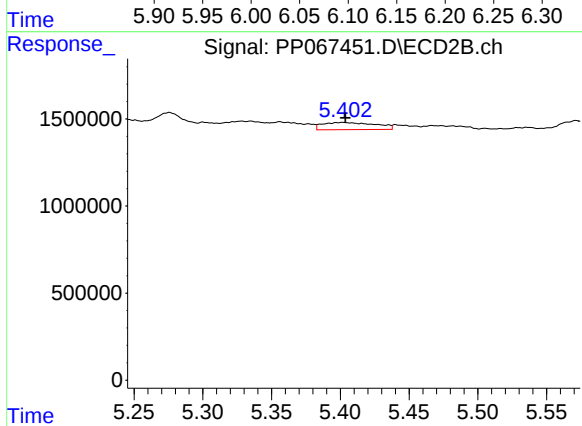
#5 AR-1016-3

R.T.: 5.356 min  
Delta R.T.: -0.009 min  
Response: 799734  
Conc: 20.09 ng/ml



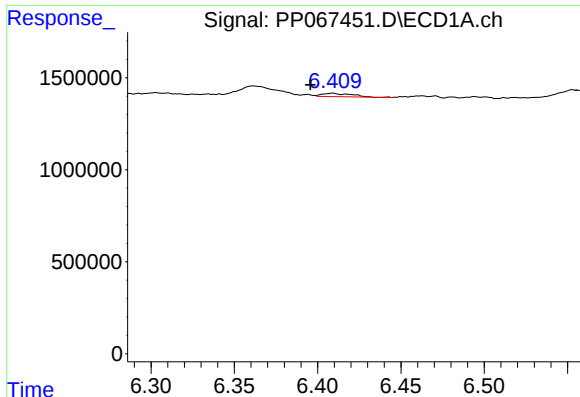
#6 AR-1016-4

R.T.: 6.086 min  
Delta R.T.: -0.015 min  
Response: 1068428  
Conc: 29.73 ng/ml



#6 AR-1016-4

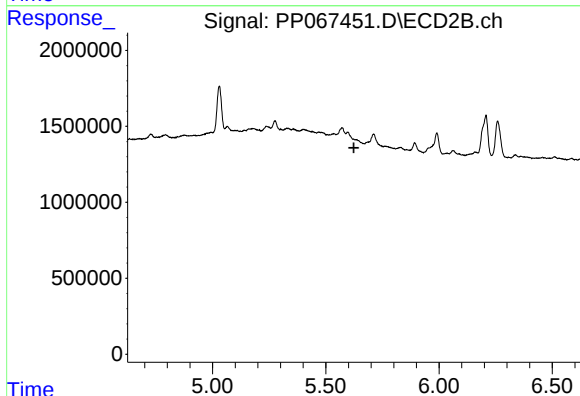
R.T.: 5.402 min  
Delta R.T.: -0.002 min  
Response: 1108163  
Conc: 32.09 ng/ml



#7 AR-1016-5

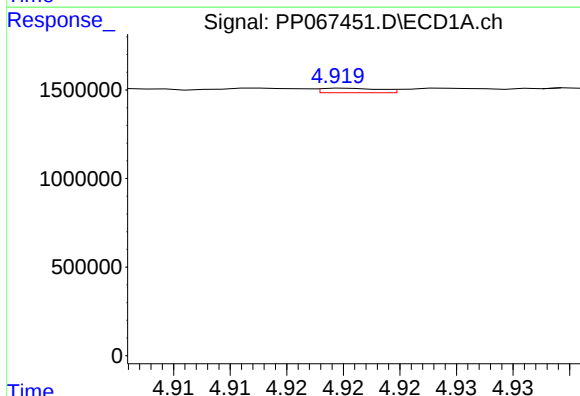
R.T.: 6.409 min  
Delta R.T.: 0.013 min  
Response: 221430  
Conc: 6.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



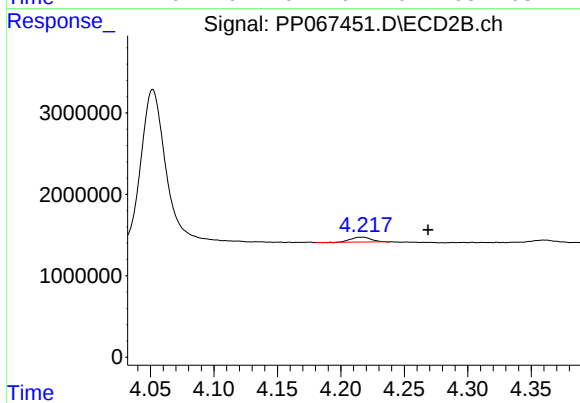
#7 AR-1016-5

R.T.: 5.597 min  
Delta R.T.: -0.027 min  
Response: -648271  
Conc: N.D.



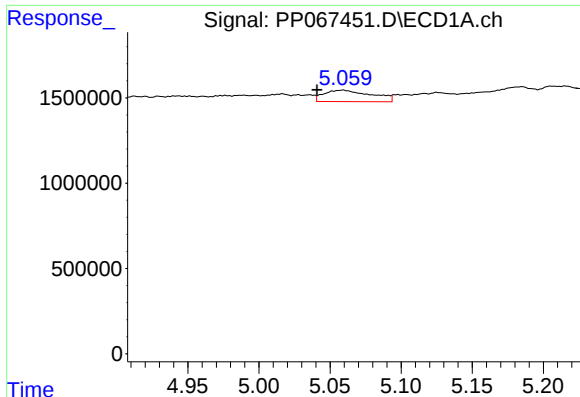
#8 AR-1221-1

R.T.: 4.920 min  
Delta R.T.: -0.035 min  
Response: 91236  
Conc: 5.45 ng/ml



#8 AR-1221-1

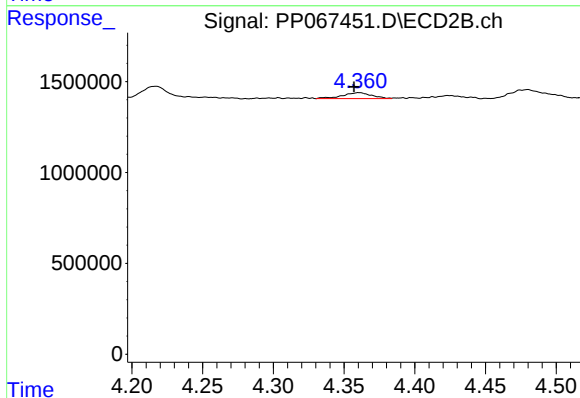
R.T.: 4.217 min  
Delta R.T.: -0.052 min  
Response: 653725  
Conc: 34.19 ng/ml



#9 AR-1221-2

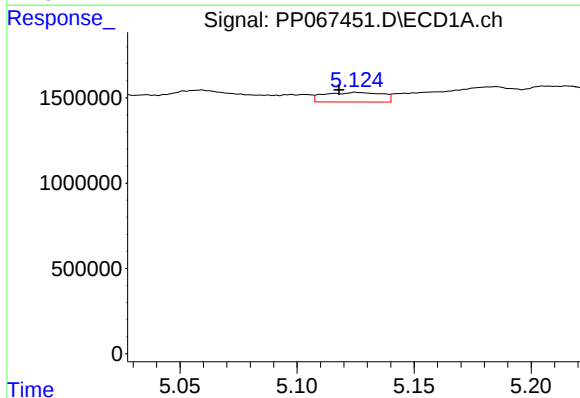
R.T.: 5.059 min  
Delta R.T.: 0.018 min  
Response: 1560993  
Conc: 123.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



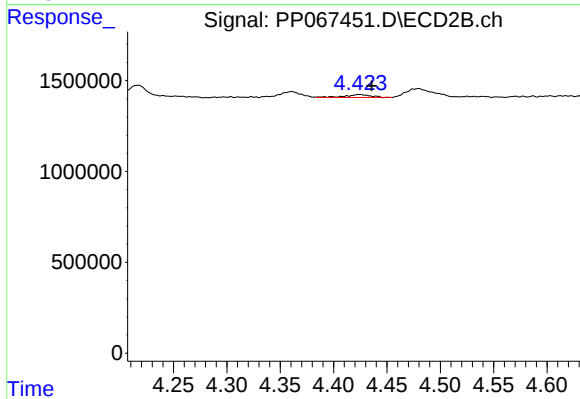
#9 AR-1221-2

R.T.: 4.361 min  
Delta R.T.: 0.003 min  
Response: 472115  
Conc: 32.18 ng/ml



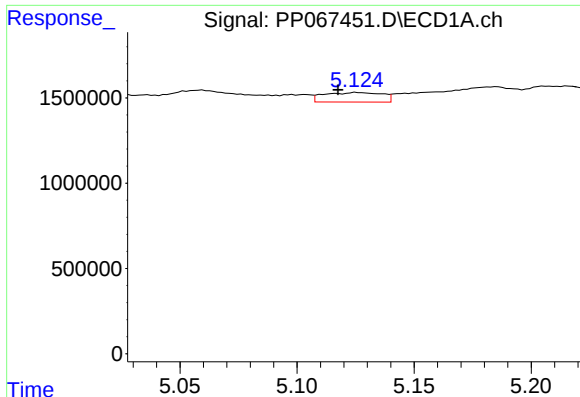
#10 AR-1221-3

R.T.: 5.126 min  
Delta R.T.: 0.008 min  
Response: 964394  
Conc: 24.92 ng/ml



#10 AR-1221-3

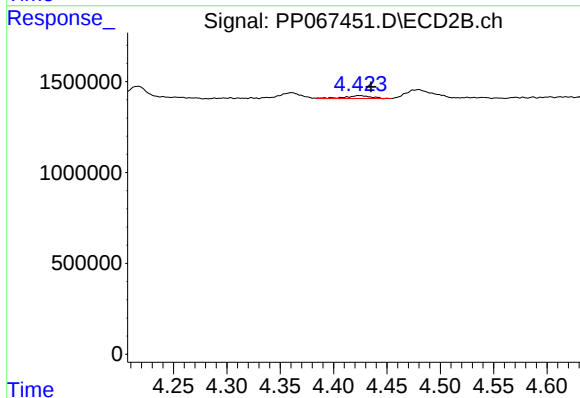
R.T.: 4.424 min  
Delta R.T.: -0.012 min  
Response: 275857  
Conc: 6.36 ng/ml



#11 AR-1232-1

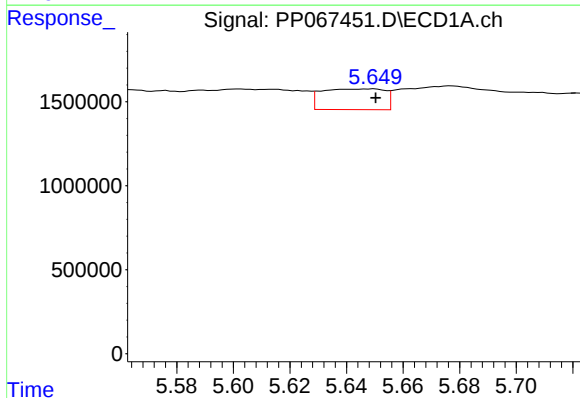
R.T.: 5.126 min  
Delta R.T.: 0.008 min  
Response: 964394  
Conc: 30.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



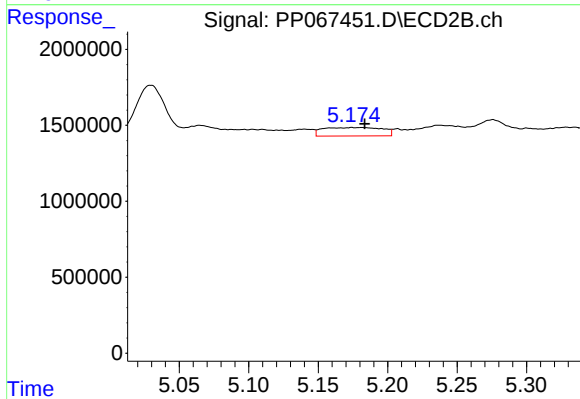
#11 AR-1232-1

R.T.: 4.424 min  
Delta R.T.: -0.011 min  
Response: 275857  
Conc: 7.67 ng/ml



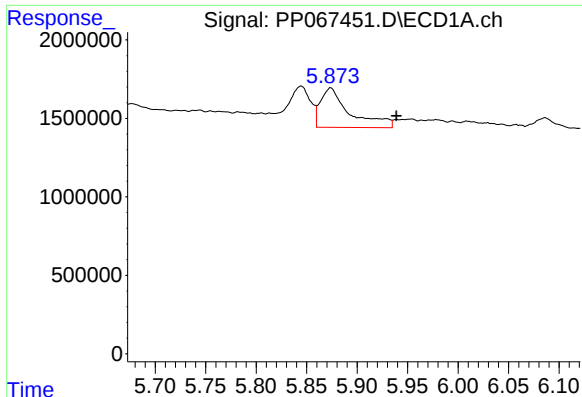
#12 AR-1232-2

R.T.: 5.648 min  
Delta R.T.: -0.002 min  
Response: 1904918  
Conc: 107.02 ng/ml



#12 AR-1232-2

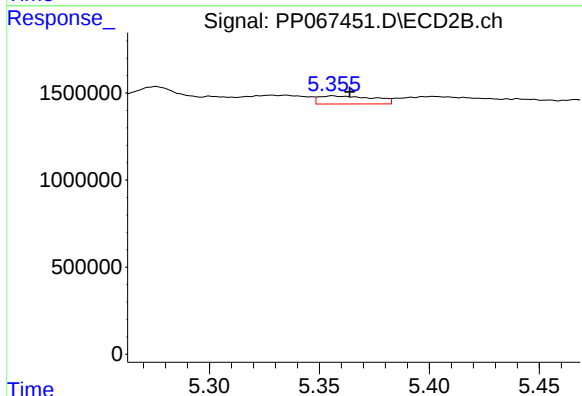
R.T.: 5.174 min  
Delta R.T.: -0.009 min  
Response: 1653214  
Conc: 49.90 ng/ml



#13 AR-1232-3

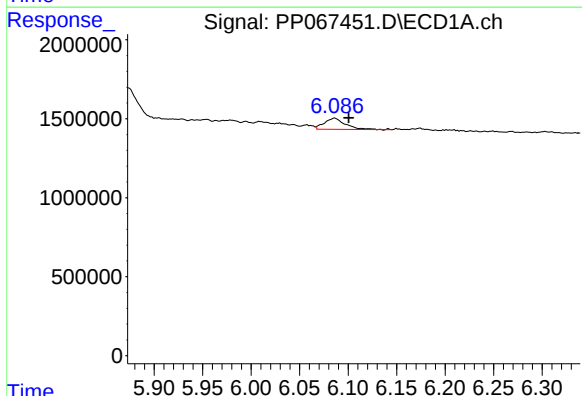
R.T.: 5.874 min  
Delta R.T.: -0.065 min  
Response: 5078491  
Conc: 160.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



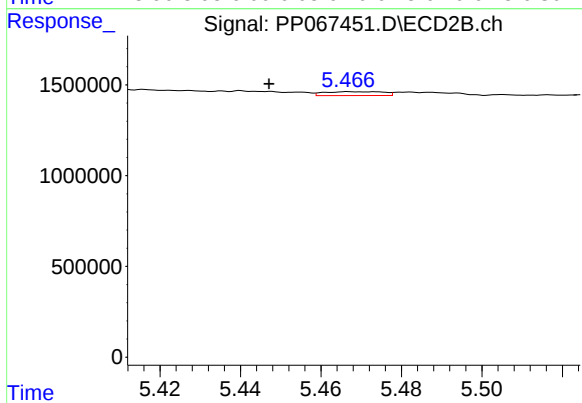
#13 AR-1232-3

R.T.: 5.356 min  
Delta R.T.: -0.008 min  
Response: 799734  
Conc: 44.51 ng/ml



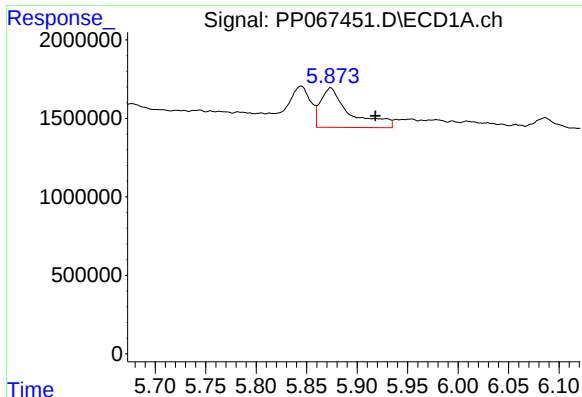
#14 AR-1232-4

R.T.: 6.086 min  
Delta R.T.: -0.014 min  
Response: 1068428  
Conc: 66.21 ng/ml



#14 AR-1232-4

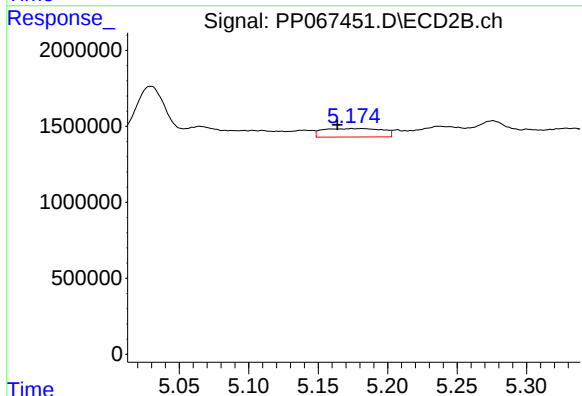
R.T.: 5.467 min  
Delta R.T.: 0.020 min  
Response: 215931  
Conc: 12.35 ng/ml



#16 AR-1242-1

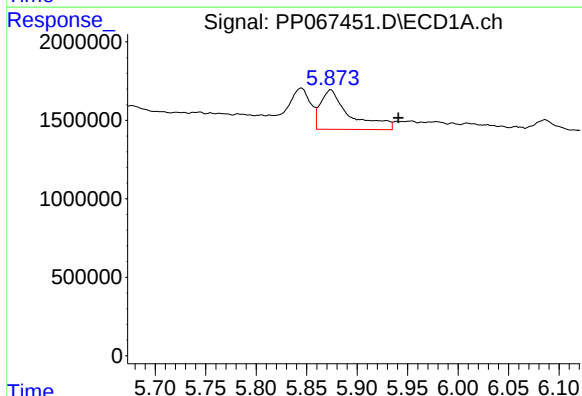
R.T.: 5.874 min  
Delta R.T.: -0.044 min  
Response: 5078491  
Conc: 142.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



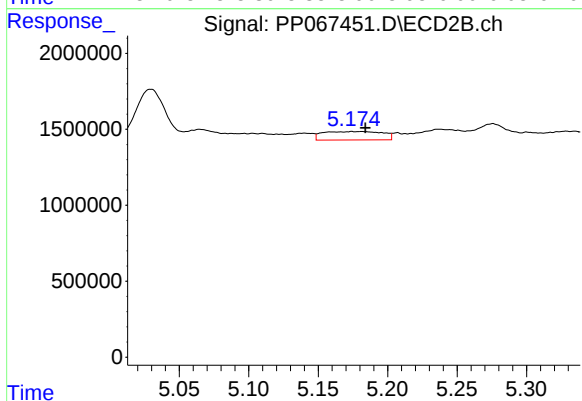
#16 AR-1242-1

R.T.: 5.174 min  
Delta R.T.: 0.010 min  
Response: 1653214  
Conc: 43.11 ng/ml



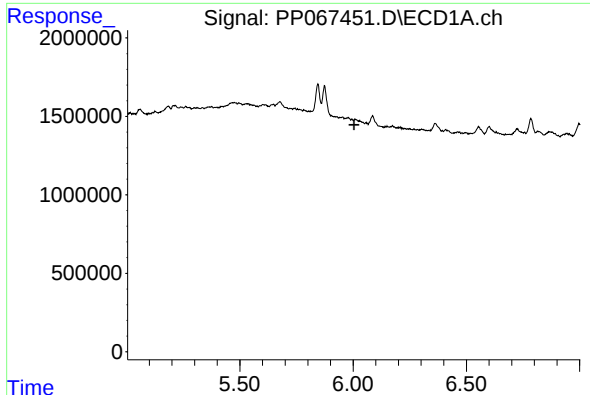
#17 AR-1242-2

R.T.: 5.874 min  
Delta R.T.: -0.067 min  
Response: 5078491  
Conc: 97.07 ng/ml



#17 AR-1242-2

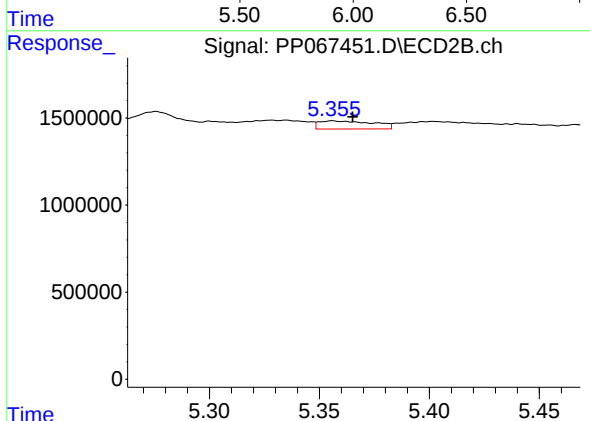
R.T.: 5.174 min  
Delta R.T.: -0.010 min  
Response: 1653214  
Conc: 31.57 ng/ml



#18 AR-1242-3

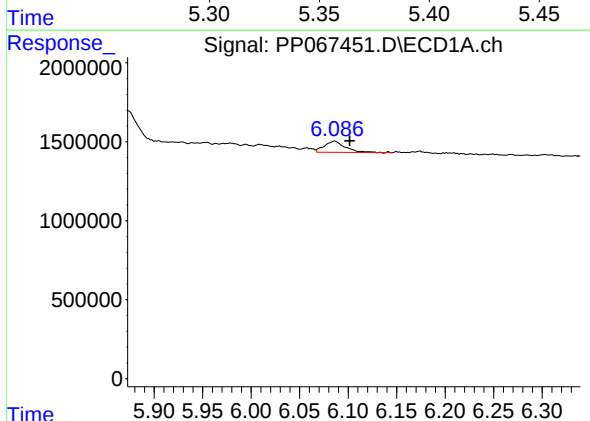
R.T.: 0.000 min  
Exp R.T.: 6.004 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



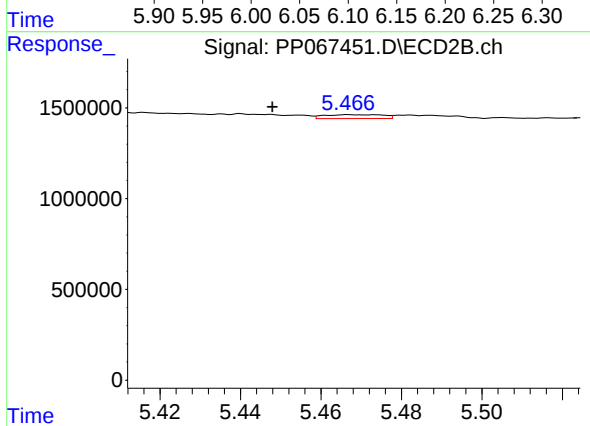
#18 AR-1242-3

R.T.: 5.356 min  
Delta R.T.: -0.009 min  
Response: 799734  
Conc: 26.91 ng/ml



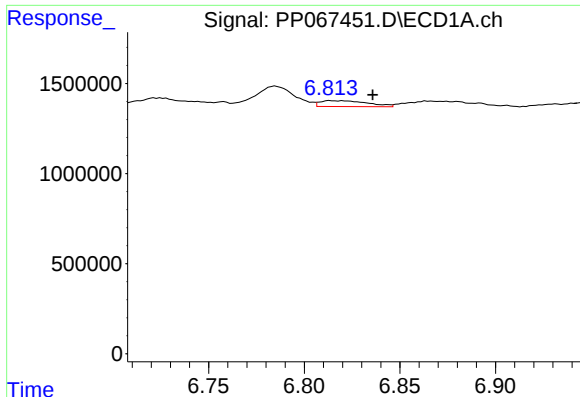
#19 AR-1242-4

R.T.: 6.086 min  
Delta R.T.: -0.016 min  
Response: 1068428  
Conc: 38.96 ng/ml



#19 AR-1242-4

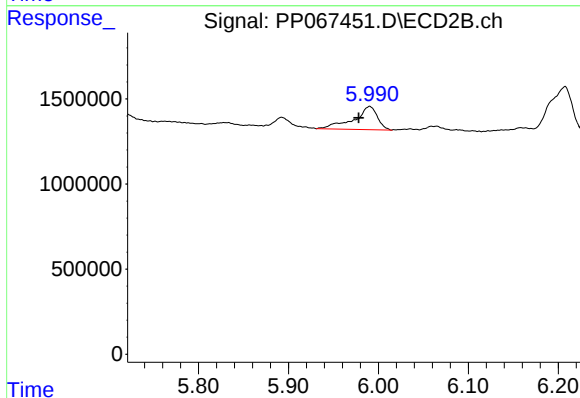
R.T.: 5.467 min  
Delta R.T.: 0.019 min  
Response: 215931  
Conc: 6.71 ng/ml



#20 AR-1242-5

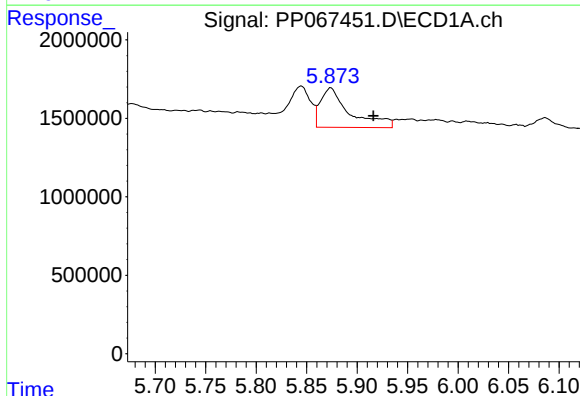
R.T.: 6.815 min  
Delta R.T.: -0.020 min  
Response: 565623  
Conc: 19.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



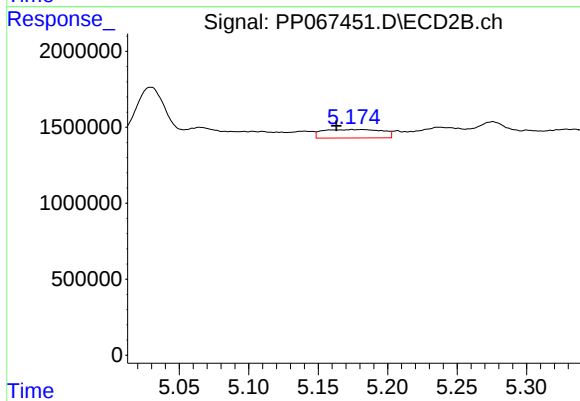
#20 AR-1242-5

R.T.: 5.990 min  
Delta R.T.: 0.012 min  
Response: 2490985  
Conc: 65.25 ng/ml



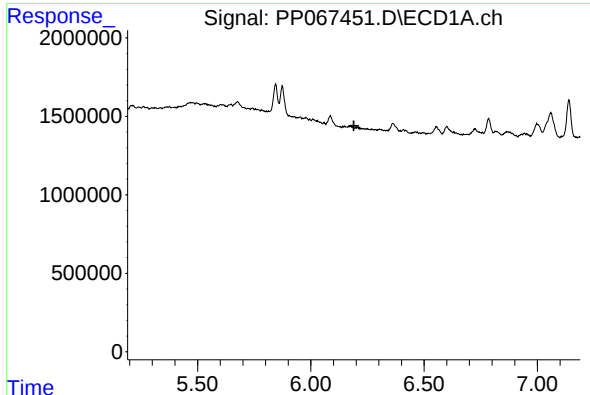
#21 AR-1248-1

R.T.: 5.874 min  
Delta R.T.: -0.042 min  
Response: 5078491  
Conc: 179.86 ng/ml



#21 AR-1248-1

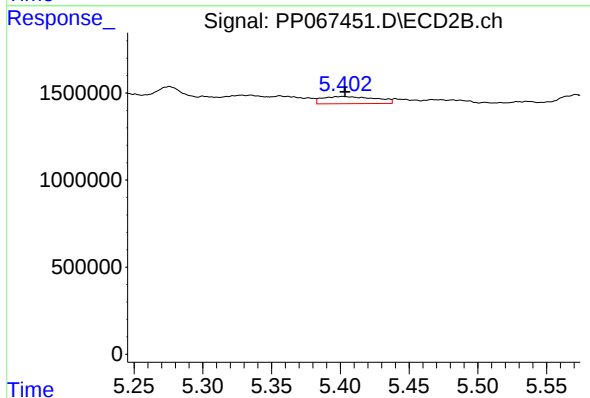
R.T.: 5.174 min  
Delta R.T.: 0.011 min  
Response: 1653214  
Conc: 53.98 ng/ml



#22 AR-1248-2

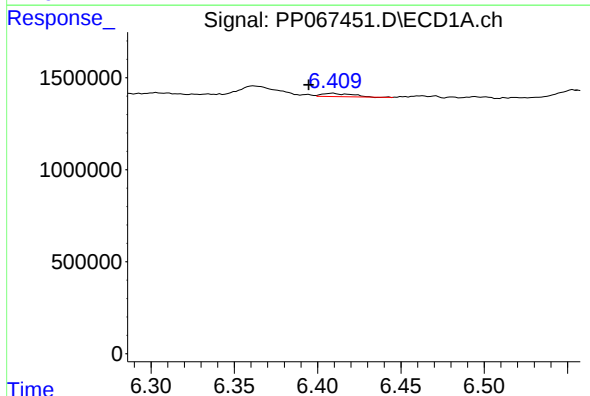
R.T.: 0.000 min  
Exp R.T.: 6.190 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



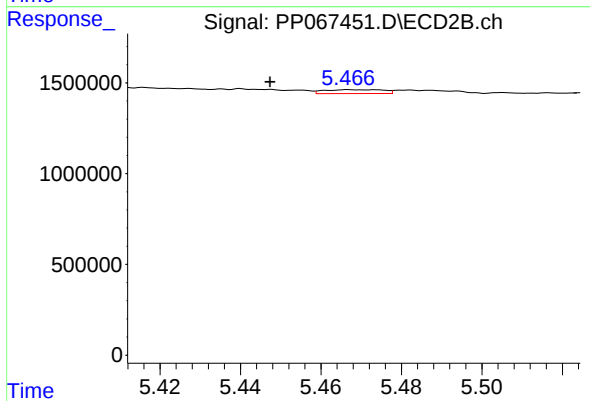
#22 AR-1248-2

R.T.: 5.402 min  
Delta R.T.: -0.001 min  
Response: 1108163  
Conc: 24.43 ng/ml



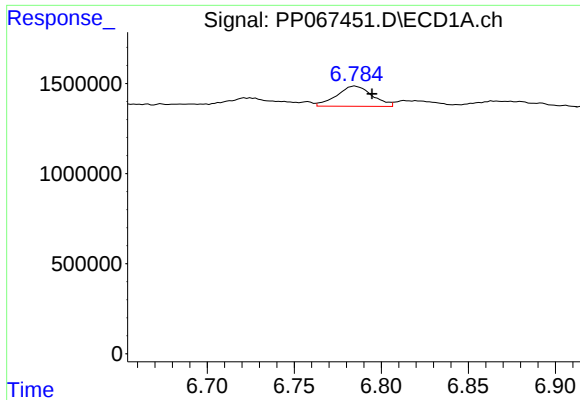
#23 AR-1248-3

R.T.: 6.409 min  
Delta R.T.: 0.014 min  
Response: 221430  
Conc: 4.56 ng/ml



#23 AR-1248-3

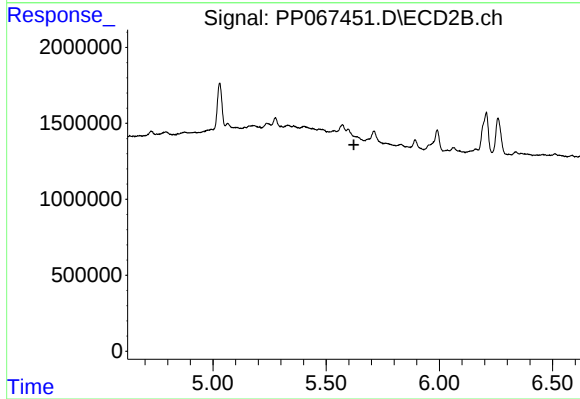
R.T.: 5.467 min  
Delta R.T.: 0.020 min  
Response: 215931  
Conc: 4.56 ng/ml



#24 AR-1248-4

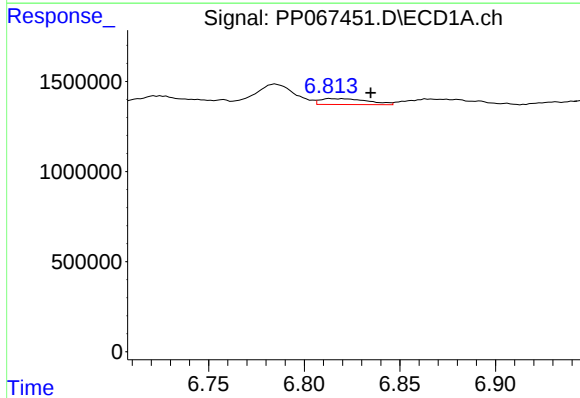
R.T.: 6.785 min  
Delta R.T.: -0.010 min  
Response: 1584834  
Conc: 29.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



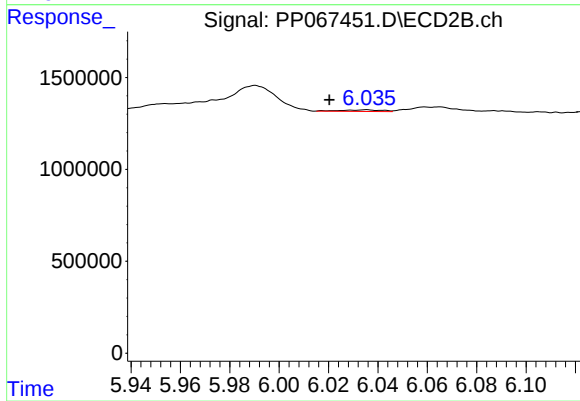
#24 AR-1248-4

R.T.: 5.597 min  
Delta R.T.: -0.025 min  
Response: -648271  
Conc: N.D.



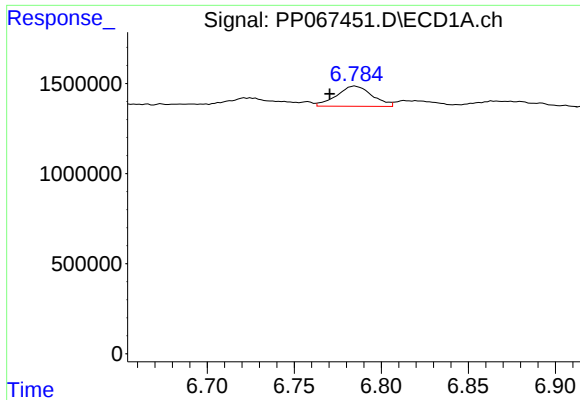
#25 AR-1248-5

R.T.: 6.815 min  
Delta R.T.: -0.019 min  
Response: 565623  
Conc: 10.26 ng/ml



#25 AR-1248-5

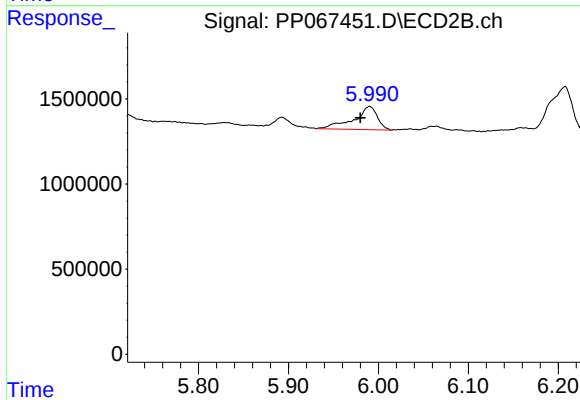
R.T.: 6.035 min  
Delta R.T.: 0.015 min  
Response: 97306  
Conc: 2.00 ng/ml



#26 AR-1254-1

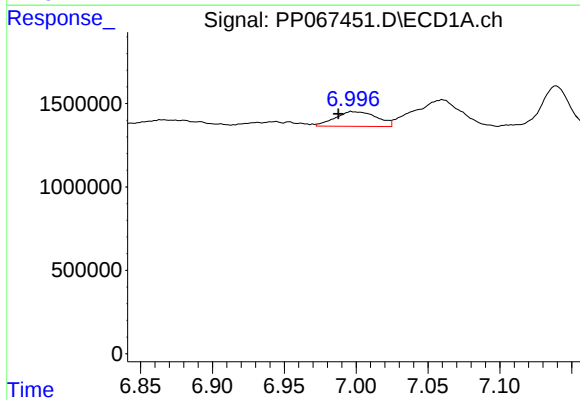
R.T.: 6.785 min  
Delta R.T.: 0.015 min  
Response: 1584834  
Conc: 25.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



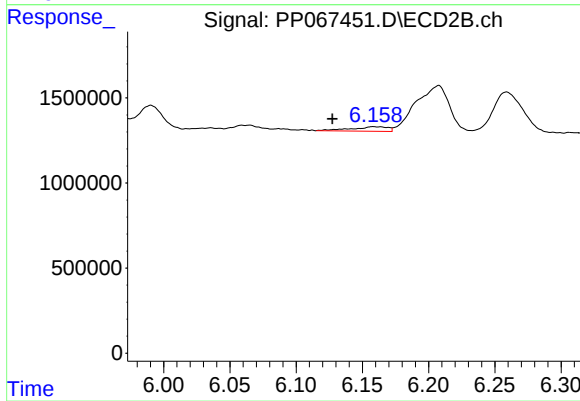
#26 AR-1254-1

R.T.: 5.990 min  
Delta R.T.: 0.010 min  
Response: 2490985  
Conc: 30.73 ng/ml



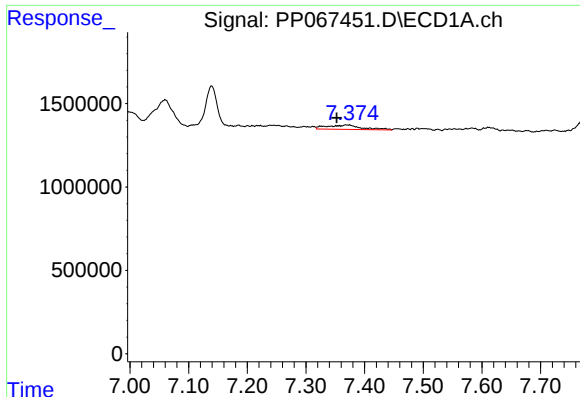
#27 AR-1254-2

R.T.: 6.998 min  
Delta R.T.: 0.010 min  
Response: 1781814  
Conc: 19.64 ng/ml



#27 AR-1254-2

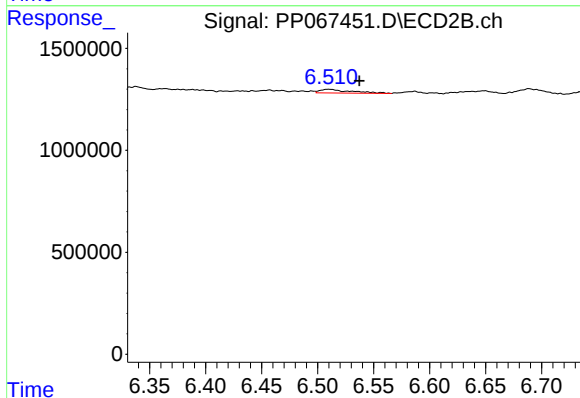
R.T.: 6.158 min  
Delta R.T.: 0.031 min  
Response: 505483  
Conc: 6.89 ng/ml



#28 AR-1254-3

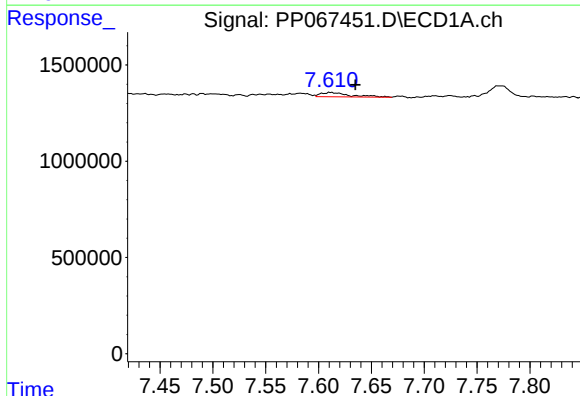
R.T.: 7.370 min  
Delta R.T.: 0.018 min  
Response: 1072552  
Conc: 11.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



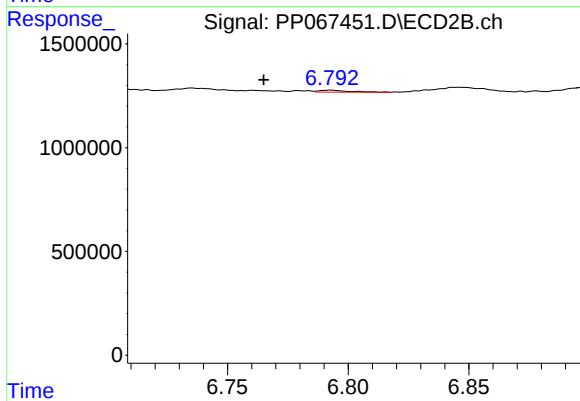
#28 AR-1254-3

R.T.: 6.510 min  
Delta R.T.: -0.027 min  
Response: 344706  
Conc: 3.02 ng/ml



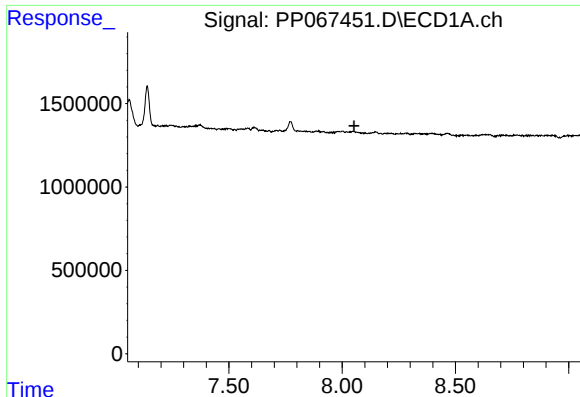
#29 AR-1254-4

R.T.: 7.612 min  
Delta R.T.: -0.023 min  
Response: 436026  
Conc: 6.54 ng/ml



#29 AR-1254-4

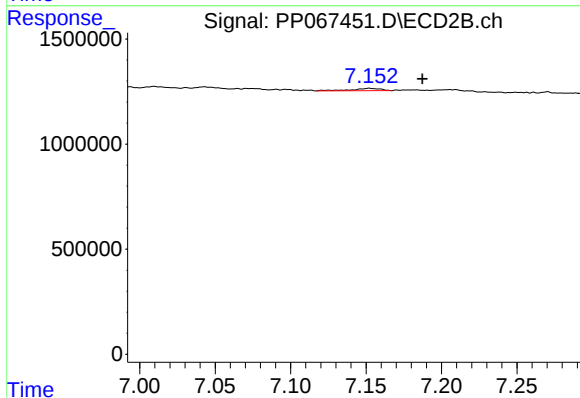
R.T.: 6.793 min  
Delta R.T.: 0.028 min  
Response: 74809  
Conc: 1.20 ng/ml



#30 AR-1254-5

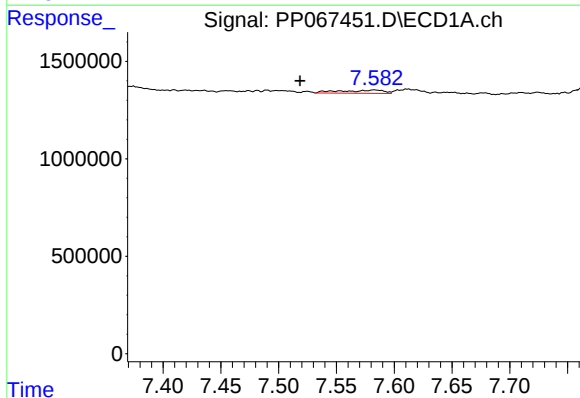
R.T.: 0.000 min  
Exp R.T.: 8.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



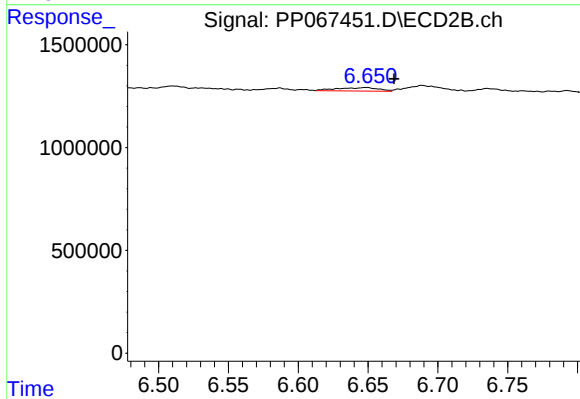
#30 AR-1254-5

R.T.: 7.152 min  
Delta R.T.: -0.035 min  
Response: 153603  
Conc: 1.50 ng/ml



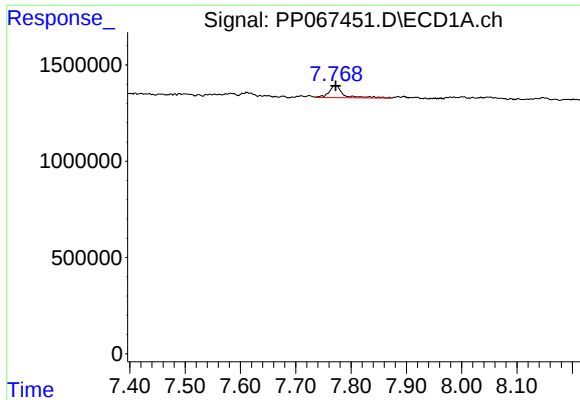
#31 AR-1260-1

R.T.: 7.583 min  
Delta R.T.: 0.065 min  
Response: 425771  
Conc: 5.40 ng/ml



#31 AR-1260-1

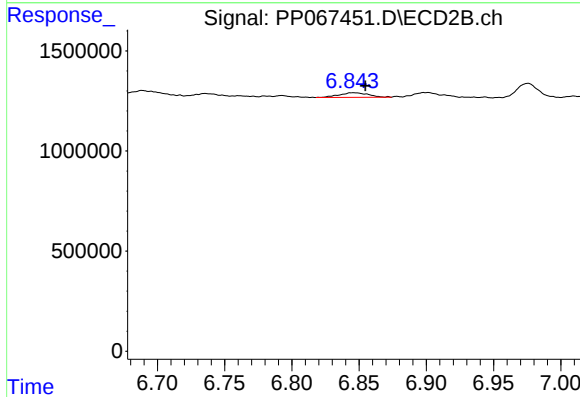
R.T.: 6.649 min  
Delta R.T.: -0.020 min  
Response: 344410  
Conc: 4.21 ng/ml



#32 AR-1260-2

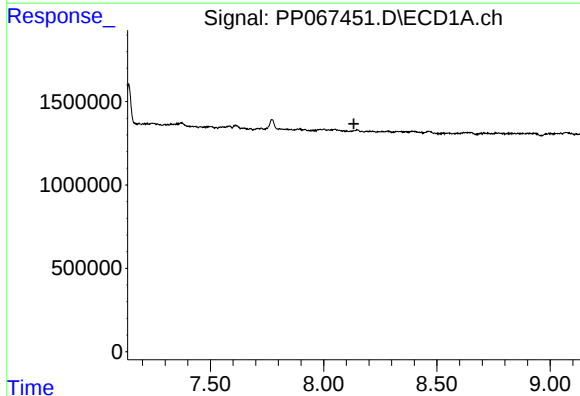
R.T.: 7.772 min  
Delta R.T.: 0.000 min  
Response: 1104704  
Conc: 12.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



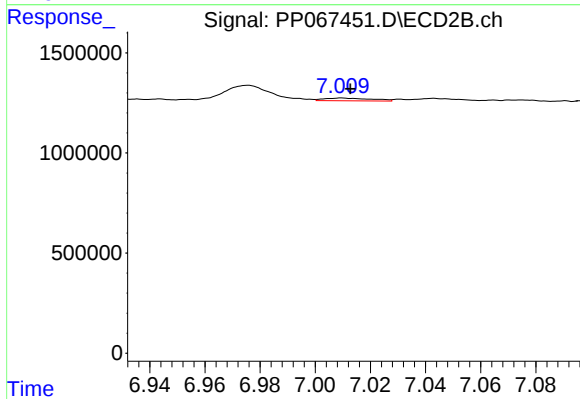
#32 AR-1260-2

R.T.: 6.846 min  
Delta R.T.: -0.009 min  
Response: 352746  
Conc: 3.75 ng/ml



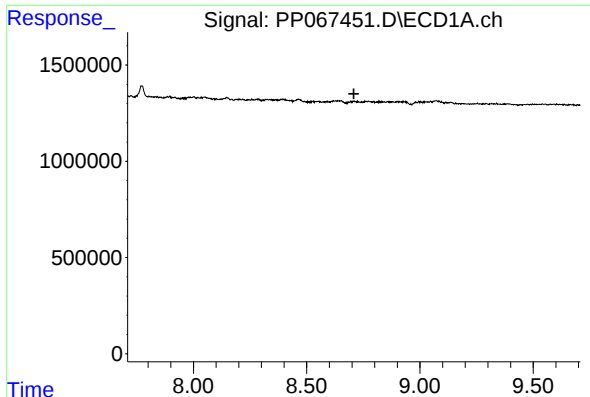
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.133 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

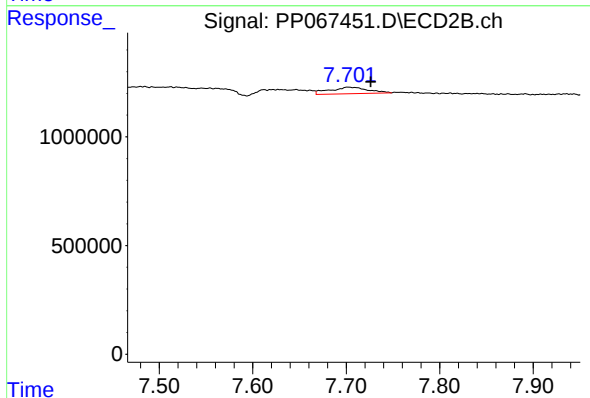
R.T.: 7.010 min  
Delta R.T.: -0.003 min  
Response: 161986  
Conc: 1.79 ng/ml



#35 AR-1260-5

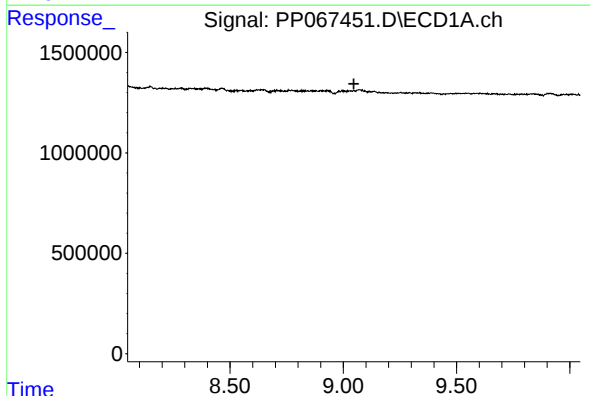
R.T.: 0.000 min  
Exp R.T.: 8.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



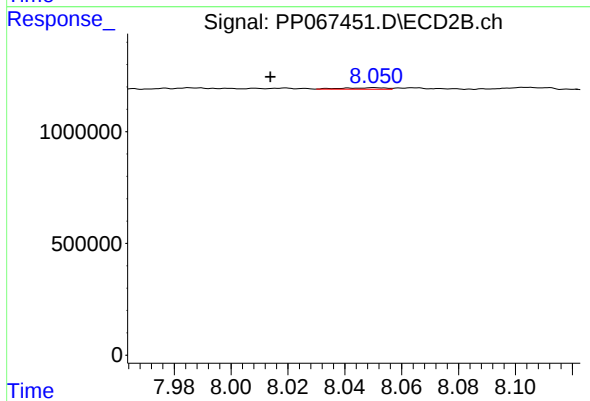
#35 AR-1260-5

R.T.: 7.702 min  
Delta R.T.: -0.024 min  
Response: 867904  
Conc: 5.96 ng/ml



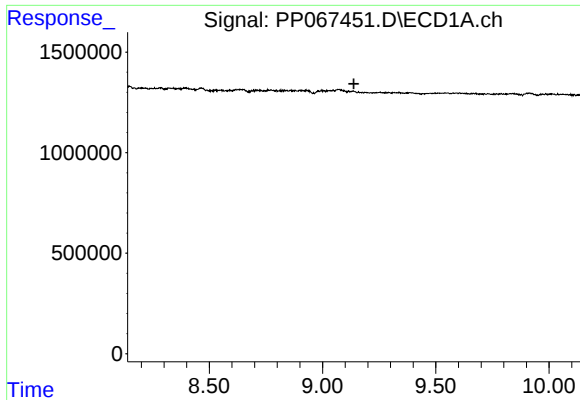
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 9.046 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

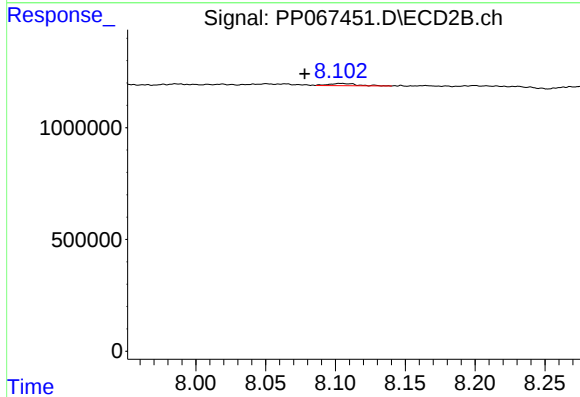
R.T.: 8.050 min  
Delta R.T.: 0.037 min  
Response: 68922  
Conc: 0.94 ng/ml



#39 AR-1262-4

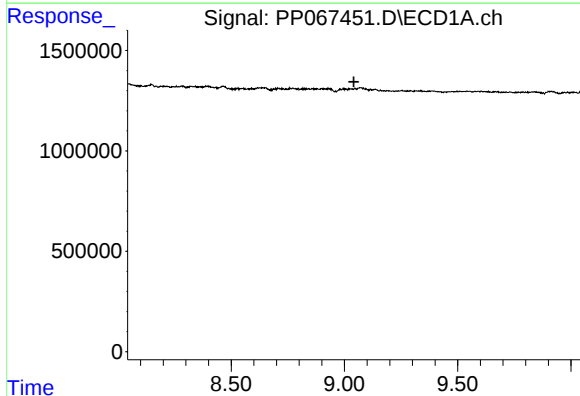
R.T.: 0.000 min  
Exp R.T.: 9.138 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



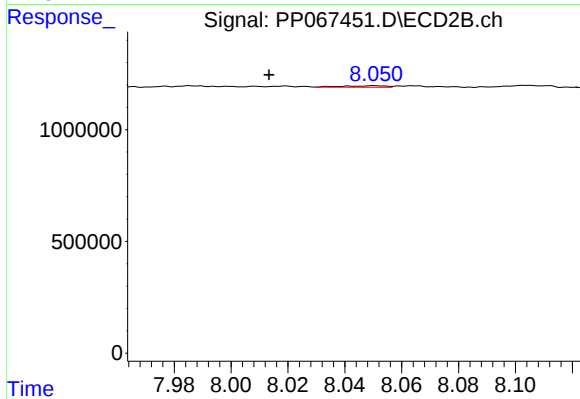
#39 AR-1262-4

R.T.: 8.104 min  
Delta R.T.: 0.026 min  
Response: 138985  
Conc: 1.05 ng/ml



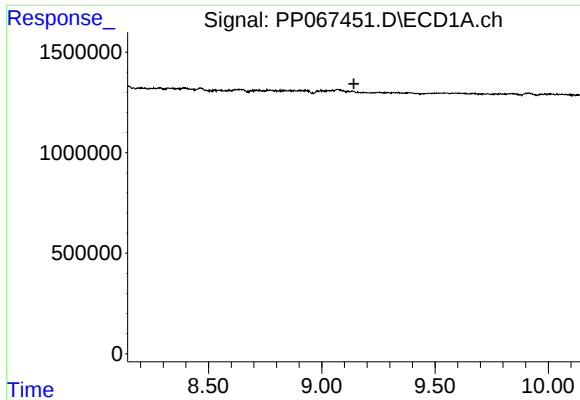
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 9.042 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

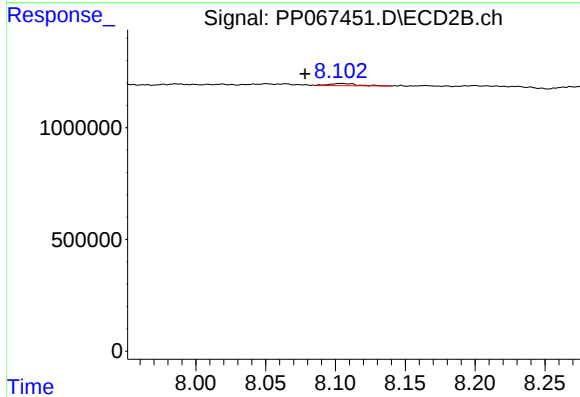
R.T.: 8.050 min  
Delta R.T.: 0.037 min  
Response: 68922  
Conc: 0.34 ng/ml



#42 AR-1268-2

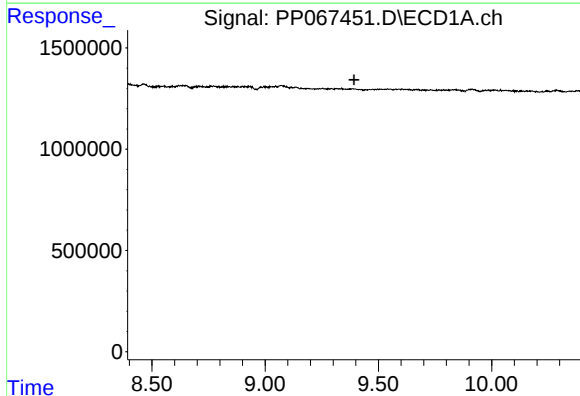
R.T.: 0.000 min  
Exp R.T.: 9.141 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



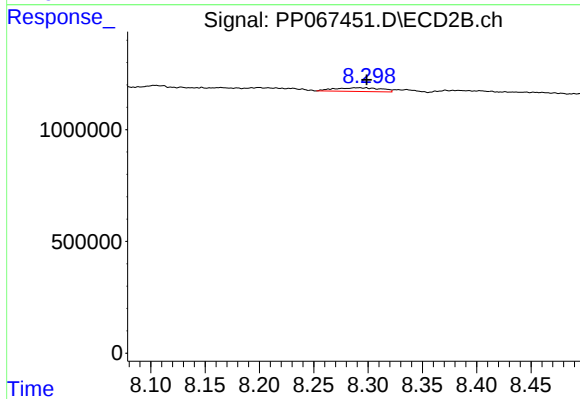
#42 AR-1268-2

R.T.: 8.104 min  
Delta R.T.: 0.026 min  
Response: 138985  
Conc: 0.78 ng/ml



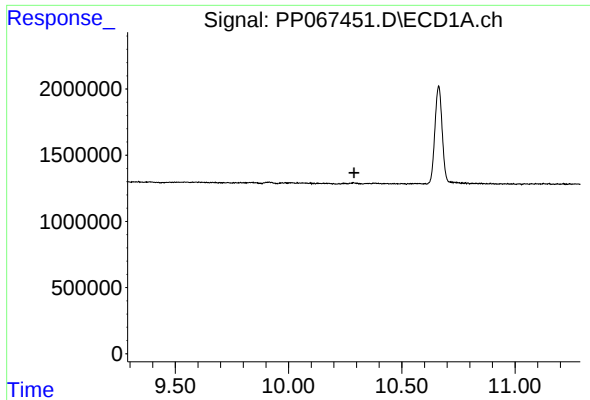
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.392 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

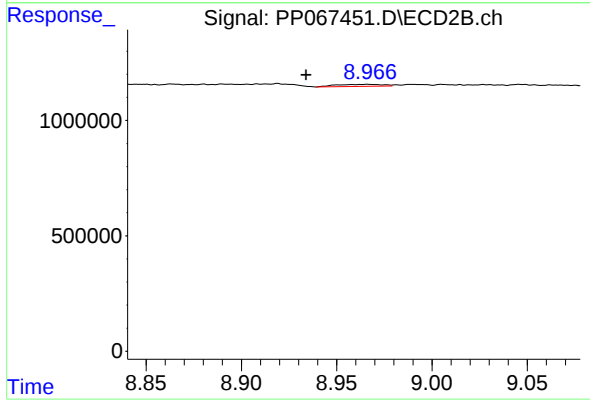
R.T.: 8.298 min  
Delta R.T.: 0.000 min  
Response: 497825  
Conc: 3.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.289 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.967 min  
Delta R.T.: 0.033 min  
Response: 150676  
Conc: 0.34 ng/ml