

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR071620\  
 Data File : PR046255.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 11:53  
 Operator : AJ\MA  
 Sample : L3216-01  
 Misc : AR1232 LOD 40 PPB  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 01:10:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR071520.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jul 16 04:01:55 2020  
 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... | 4.765  | 3.988 | 35756487 | 258.9E6 | 19.438 | 21.036   |
| 2)                          | SA Decachlor... | 10.769 | 9.116 | 41911788 | 366.4E6 | 21.203 | 23.666   |
| Target Compounds            |                 |        |       |          |         |        |          |
| 3)                          | L1 AR-1016-1    | 5.955  | 5.088 | 781830   | 6667899 | 11.154 | 13.452   |
| 4)                          | L1 AR-1016-2    | 5.979  | 5.107 | 1170043  | 8995135 | 11.837 | 13.091   |
| 5)                          | L1 AR-1016-3    | 6.041  | 5.286 | 748828   | 3438917 | 12.592 | 10.727   |
| 6)                          | L1 AR-1016-4    | 6.144  | 5.327 | 530471   | 3251728 | 10.639 | 12.097   |
| 7)                          | L1 AR-1016-5    | 6.438  | 5.543 | 619175   | 5005331 | 12.590 | 13.461   |
| 8)                          | L2 AR-1221-1    | 4.976  | 4.201 | 356594   | 7275155 | 18.037 | 50.823 # |
| 9)                          | L2 AR-1221-2    | 5.078  | 4.292 | 733021   | 5189703 | 49.932 | 54.521   |
| 10)                         | L2 AR-1221-3    | 5.148  | 4.366 | 1146660  | 8257283 | 24.435 | 26.236   |
| 11)                         | L3 AR-1232-1    | 5.148  | 4.366 | 1146660  | 8257283 | 29.962 | 30.695   |
| 12)                         | L3 AR-1232-2    | 5.685  | 5.107 | 613311   | 8995135 | 31.700 | 32.088   |
| 13)                         | L3 AR-1232-3    | 5.979  | 5.286 | 1170043  | 3438917 | 29.345 | 26.479   |
| 14)                         | L3 AR-1232-4    | 6.144  | 5.370 | 530471   | 2936141 | 26.623 | 23.747   |
| 15)                         | L3 AR-1232-5    | 6.229  | 5.543 | 470049   | 5005331 | 31.169 | 36.451   |
| 16)                         | L4 AR-1242-1    | 5.955  | 5.088 | 781830   | 6667899 | 14.462 | 17.530   |
| 17)                         | L4 AR-1242-2    | 5.979  | 5.107 | 1170043  | 8995135 | 15.439 | 17.175   |
| 18)                         | L4 AR-1242-3    | 6.041  | 5.286 | 748828   | 3438917 | 16.372 | 13.476   |
| 19)                         | L4 AR-1242-4    | 6.144  | 5.370 | 530471   | 2936141 | 13.880 | 11.288   |
| 20)                         | L4 AR-1242-5    | 6.883  | 5.897 | 818803   | 5980056 | 18.505 | 16.199   |
| 21)                         | L5 AR-1248-1    | 5.955  | 5.088 | 781830   | 6667899 | 19.406 | 23.123   |
| 22)                         | L5 AR-1248-2    | 6.229  | 5.327 | 470049   | 3251728 | 8.617  | 9.215    |
| 23)                         | L5 AR-1248-3    | 6.438  | 5.370 | 619175   | 2936141 | 9.976  | 7.845    |
| 24)                         | L5 AR-1248-4    | 6.846  | 5.543 | 739453   | 5005331 | 10.037 | 10.662   |
| 25)                         | L5 AR-1248-5    | 6.883  | 5.940 | 818803   | 6491231 | 11.659 | 13.408   |
| 26)                         | L6 AR-1254-1    | 6.816  | 5.897 | 659991   | 5980056 | 8.548  | 7.593    |
| 27)                         | L6 AR-1254-2    | 7.045  | 0.000 | 855599   | 0       | 6.998  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.409  | 0.000 | 306522   | 0       | 2.286  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.697  | 0.000 | 288705   | 0       | 2.812  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 8.117  | 0.000 | 50207    | 0       | 0.452  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.540f | 0.000 | 359748   | 0       | 3.867  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.824  | 0.000 | 258225   | 0       | 2.248  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.782  | 0.000 | 92892    | 0       | 0.431  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.782  | 0.000 | 92892    | 0       | 0.410  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 9.090f | 0.000 | 20765    | 0       | 0.213  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 9.090f | 0.000 | 20765    | 0       | 0.069  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.465  | 8.210 | 293103   | 3793117 | 1.277  | 1.889 #  |
| 45)                         | L9 AR-1268-5    | 10.400 | 8.833 | 514259   | 2603110 | 0.658  | 0.411 #  |
| -----                       |                 |        |       |          |         |        |          |

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

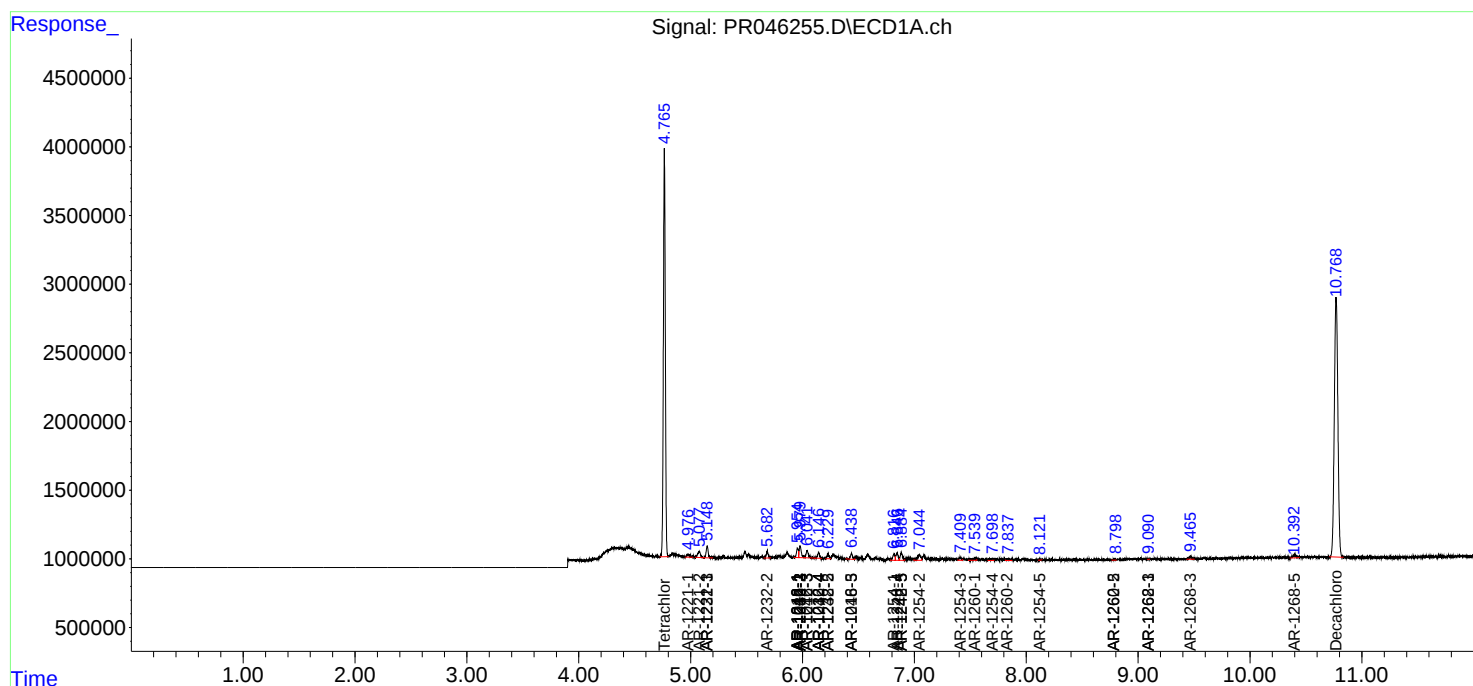
Instrument :  
ECD\_R  
ClientSampleId :

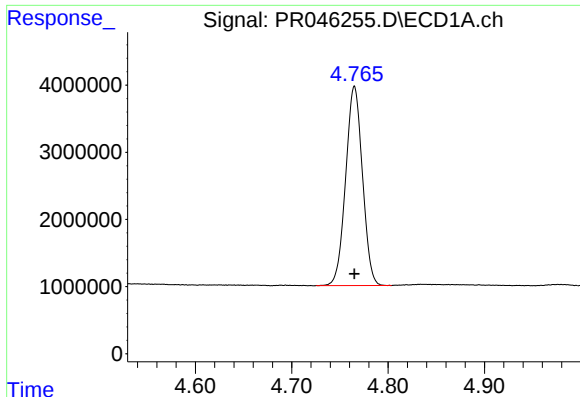
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR071620\  
Data File : PR046255.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2020 11:53  
Operator : AJ\MA  
Sample : L3216-01  
Misc : AR1232 LOD 40 PPB  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 01:10:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR071520.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jul 16 04:01:55 2020  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

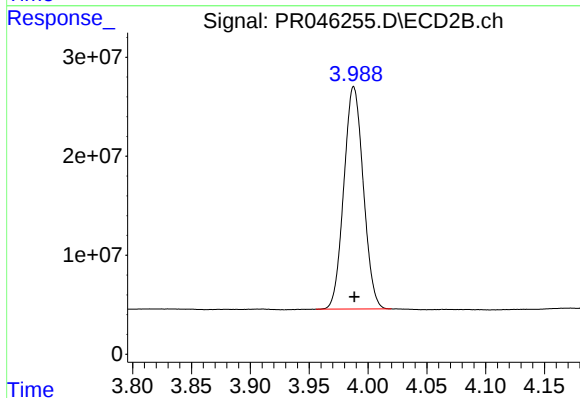




#1 Tetrachloro-m-xylene

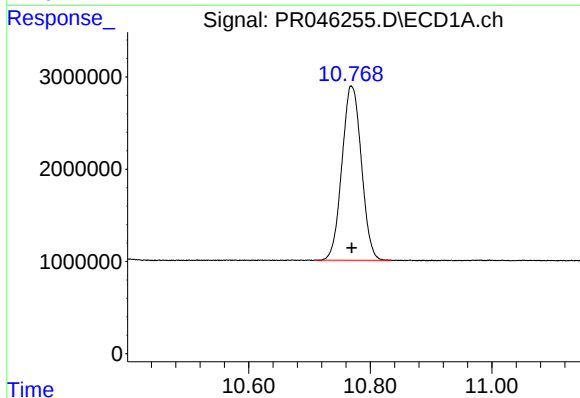
R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 35756487  
Conc: 19.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



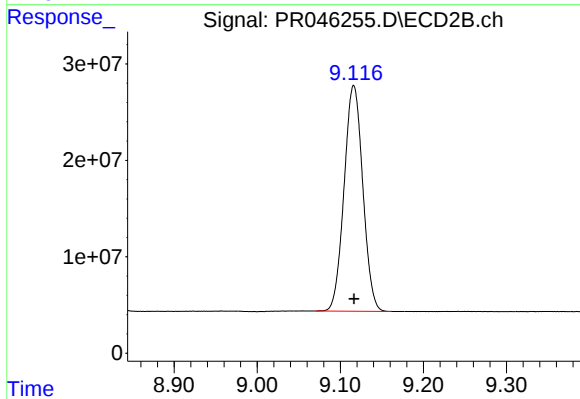
#1 Tetrachloro-m-xylene

R.T.: 3.988 min  
Delta R.T.: 0.000 min  
Response: 258877108  
Conc: 21.04 ng/ml



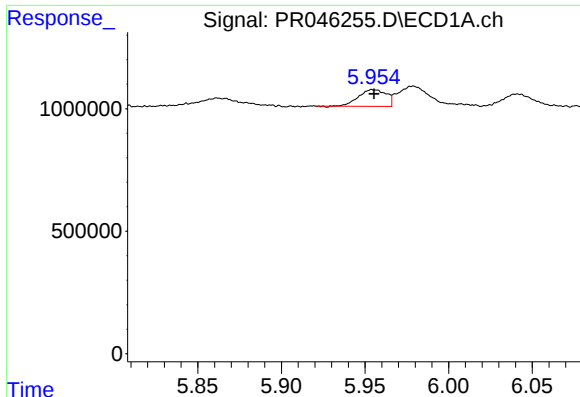
#2 Decachlorobiphenyl

R.T.: 10.769 min  
Delta R.T.: 0.000 min  
Response: 41911788  
Conc: 21.20 ng/ml



#2 Decachlorobiphenyl

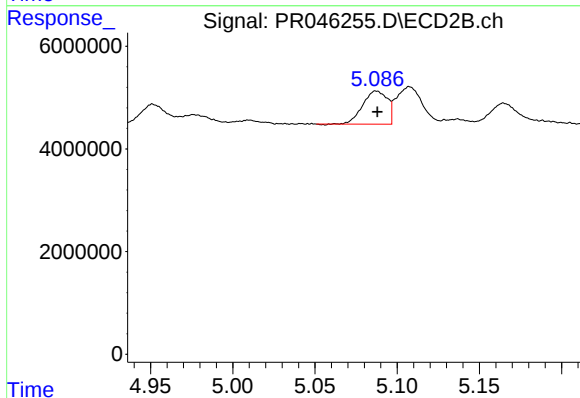
R.T.: 9.116 min  
Delta R.T.: 0.000 min  
Response: 366445809  
Conc: 23.67 ng/ml



#3 AR-1016-1

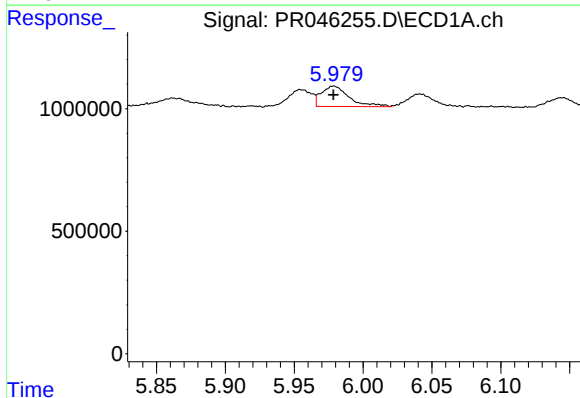
R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 781830  
Conc: 11.15 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



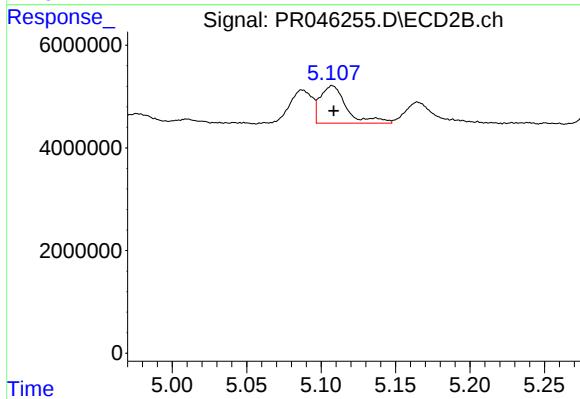
#3 AR-1016-1

R.T.: 5.088 min  
Delta R.T.: 0.000 min  
Response: 6667899  
Conc: 13.45 ng/ml



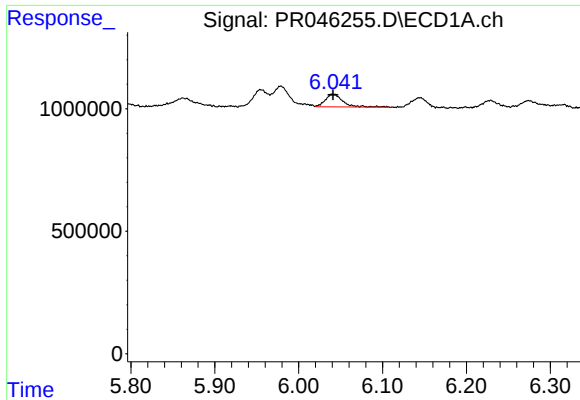
#4 AR-1016-2

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 1170043  
Conc: 11.84 ng/ml



#4 AR-1016-2

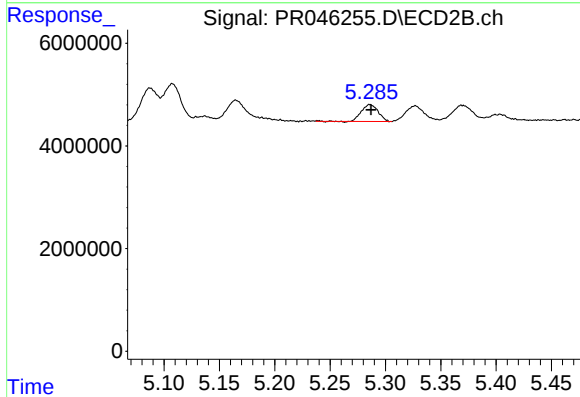
R.T.: 5.107 min  
Delta R.T.: -0.001 min  
Response: 8995135  
Conc: 13.09 ng/ml



#5 AR-1016-3

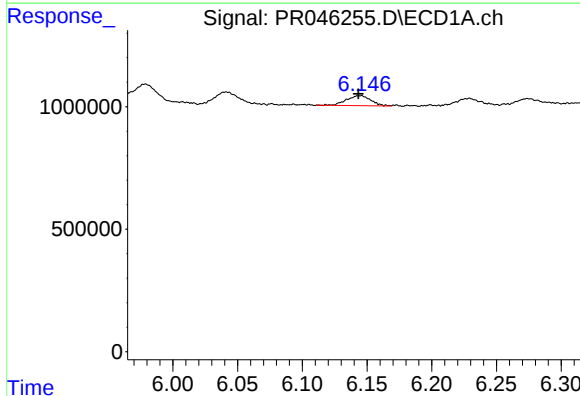
R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 748828  
Conc: 12.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



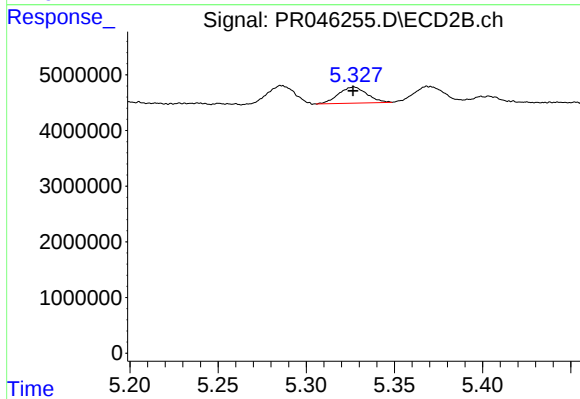
#5 AR-1016-3

R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 3438917  
Conc: 10.73 ng/ml



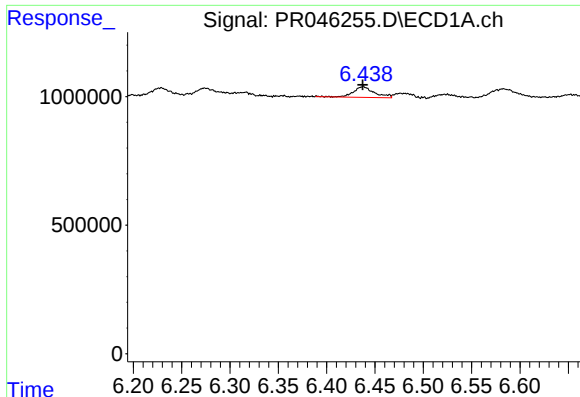
#6 AR-1016-4

R.T.: 6.144 min  
Delta R.T.: 0.001 min  
Response: 530471  
Conc: 10.64 ng/ml



#6 AR-1016-4

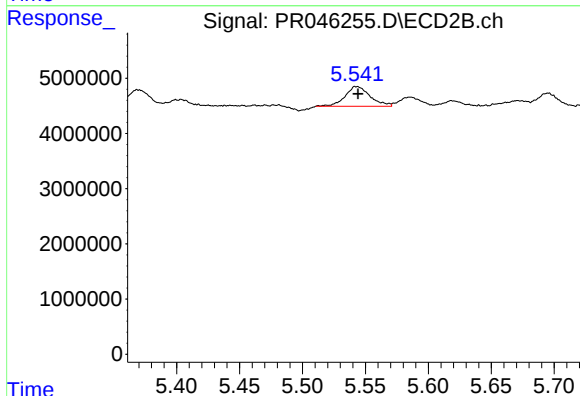
R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 3251728  
Conc: 12.10 ng/ml



#7 AR-1016-5

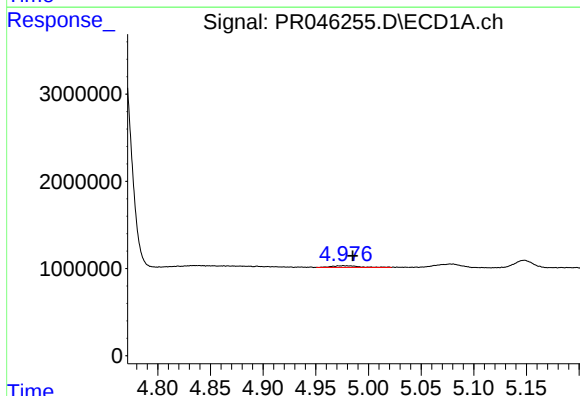
R.T.: 6.438 min  
Delta R.T.: 0.000 min  
Response: 619175  
Conc: 12.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



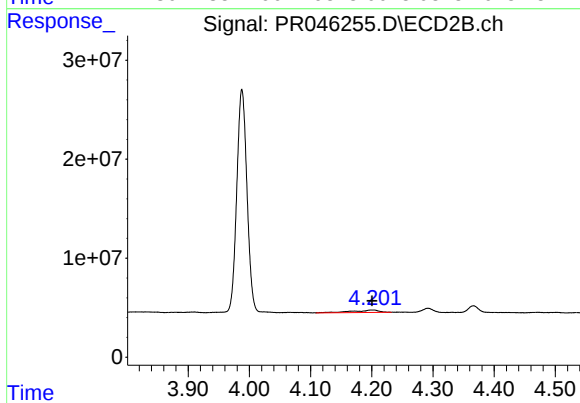
#7 AR-1016-5

R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 5005331  
Conc: 13.46 ng/ml



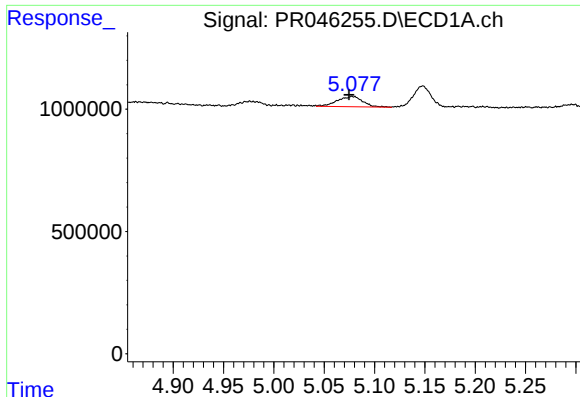
#8 AR-1221-1

R.T.: 4.976 min  
Delta R.T.: -0.009 min  
Response: 356594  
Conc: 18.04 ng/ml



#8 AR-1221-1

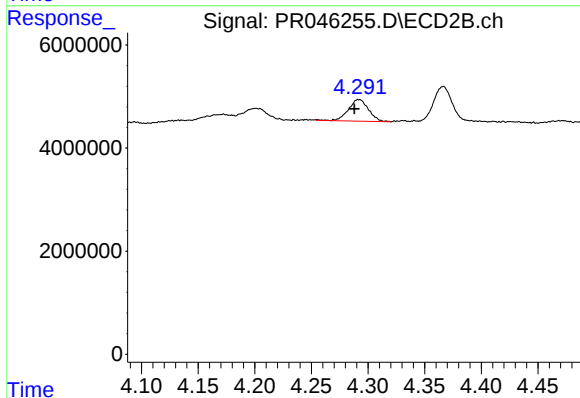
R.T.: 4.201 min  
Delta R.T.: 0.000 min  
Response: 7275155  
Conc: 50.82 ng/ml



#9 AR-1221-2

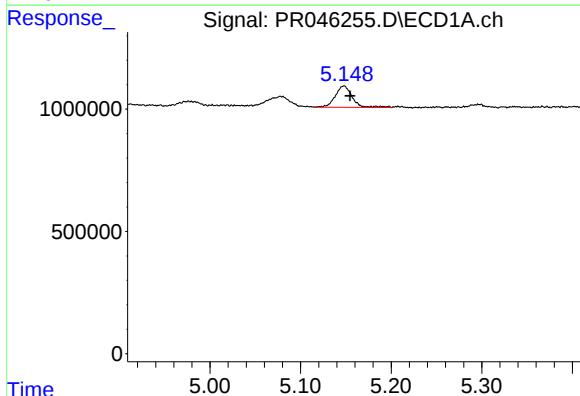
R.T.: 5.078 min  
Delta R.T.: 0.003 min  
Response: 733021  
Conc: 49.93 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



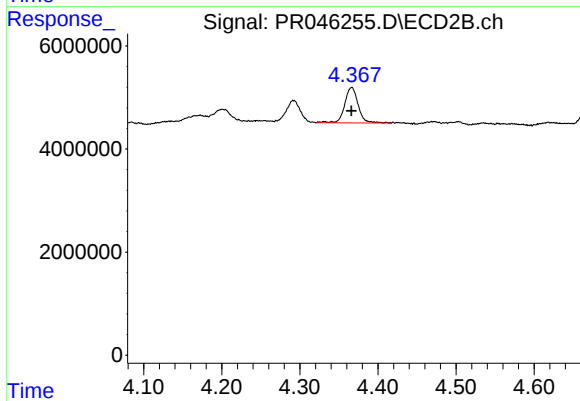
#9 AR-1221-2

R.T.: 4.292 min  
Delta R.T.: 0.004 min  
Response: 5189703  
Conc: 54.52 ng/ml



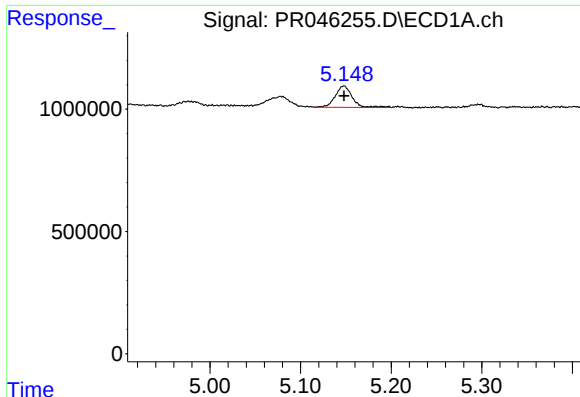
#10 AR-1221-3

R.T.: 5.148 min  
Delta R.T.: -0.007 min  
Response: 1146660  
Conc: 24.44 ng/ml



#10 AR-1221-3

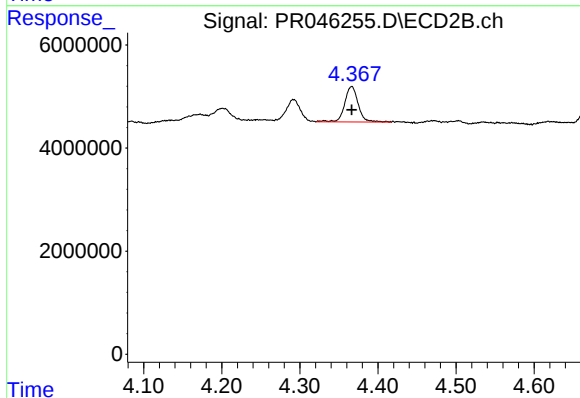
R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 8257283  
Conc: 26.24 ng/ml



#11 AR-1232-1

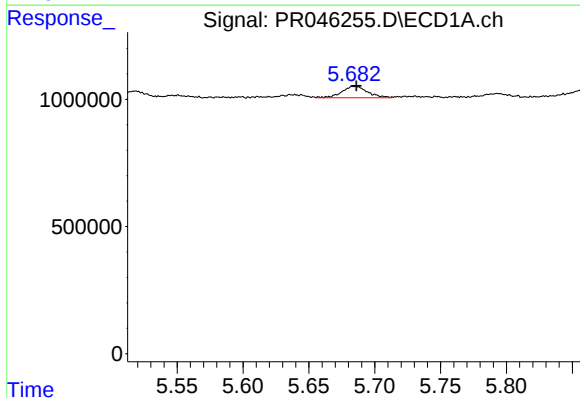
R.T.: 5.148 min  
Delta R.T.: 0.000 min  
Response: 1146660  
Conc: 29.96 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



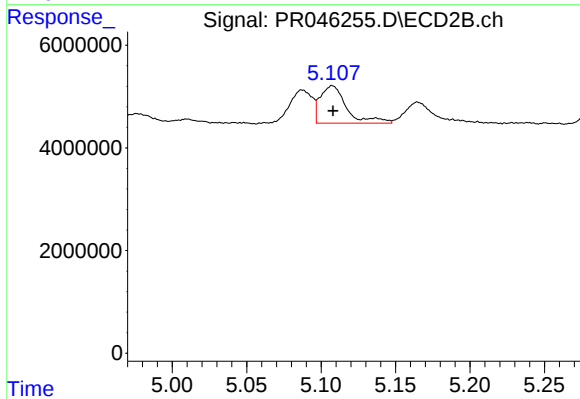
#11 AR-1232-1

R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 8257283  
Conc: 30.69 ng/ml



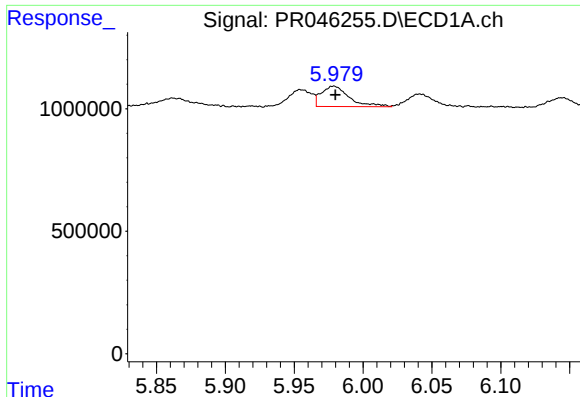
#12 AR-1232-2

R.T.: 5.685 min  
Delta R.T.: -0.001 min  
Response: 613311  
Conc: 31.70 ng/ml



#12 AR-1232-2

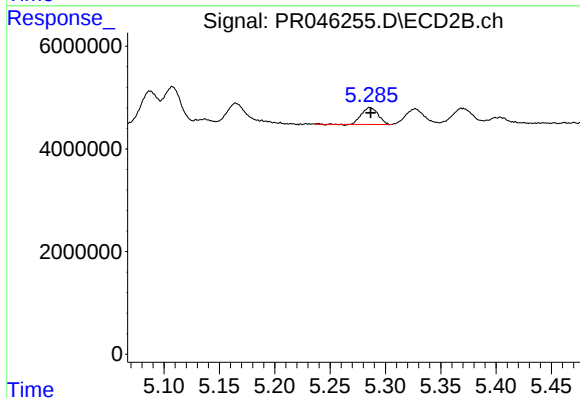
R.T.: 5.107 min  
Delta R.T.: 0.000 min  
Response: 8995135  
Conc: 32.09 ng/ml



#13 AR-1232-3

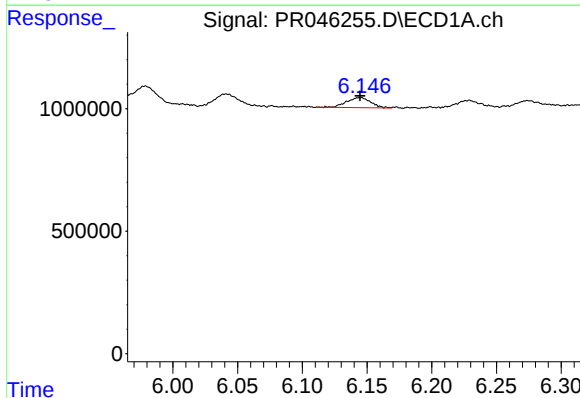
R.T.: 5.979 min  
Delta R.T.: -0.001 min  
Response: 1170043  
Conc: 29.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



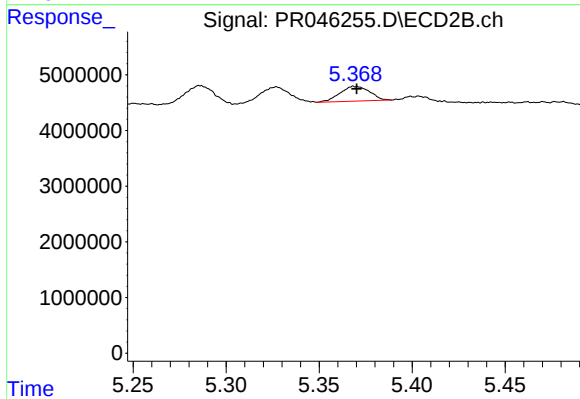
#13 AR-1232-3

R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 3438917  
Conc: 26.48 ng/ml



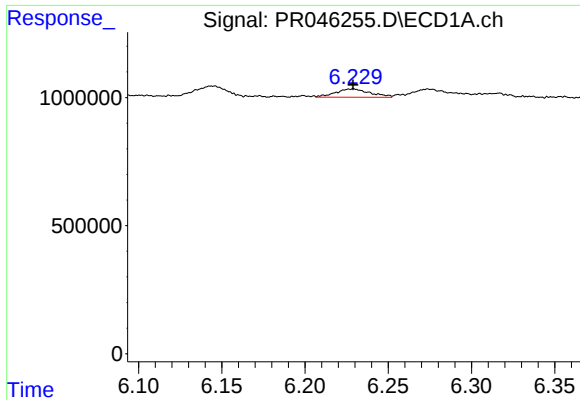
#14 AR-1232-4

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 530471  
Conc: 26.62 ng/ml



#14 AR-1232-4

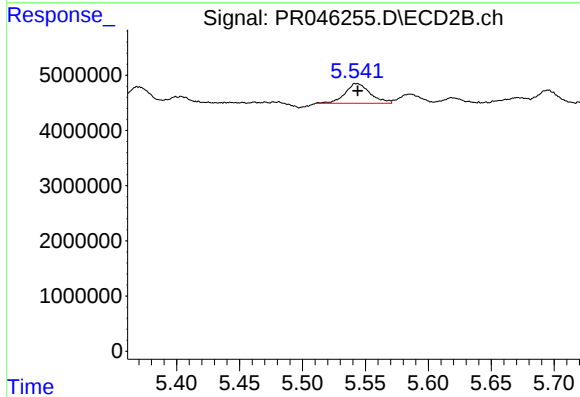
R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 2936141  
Conc: 23.75 ng/ml



#15 AR-1232-5

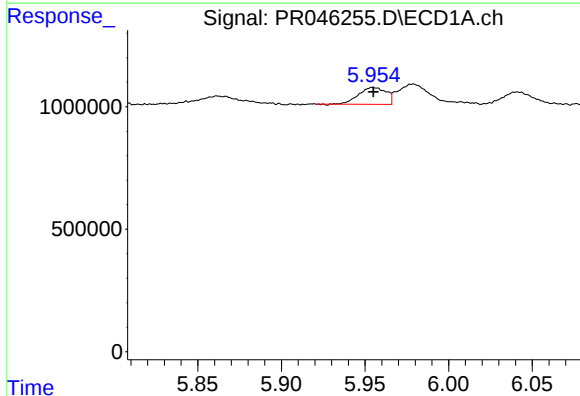
R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 470049  
Conc: 31.17 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



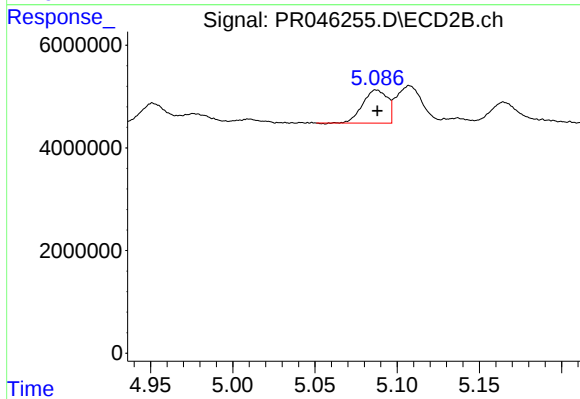
#15 AR-1232-5

R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 5005331  
Conc: 36.45 ng/ml



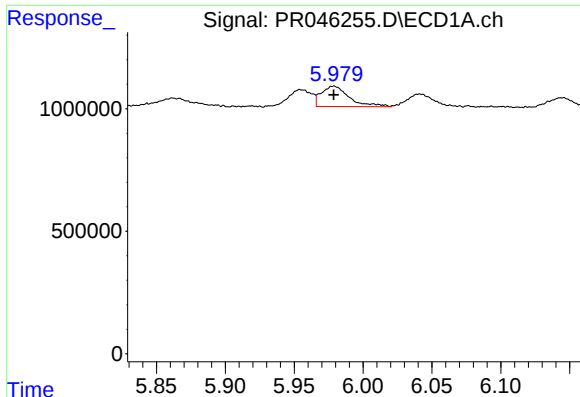
#16 AR-1242-1

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 781830  
Conc: 14.46 ng/ml



#16 AR-1242-1

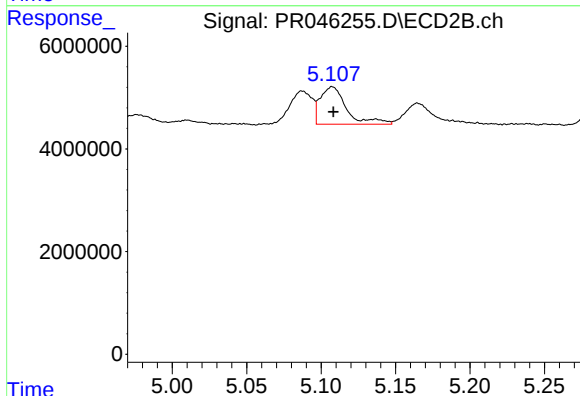
R.T.: 5.088 min  
Delta R.T.: 0.000 min  
Response: 6667899  
Conc: 17.53 ng/ml



#17 AR-1242-2

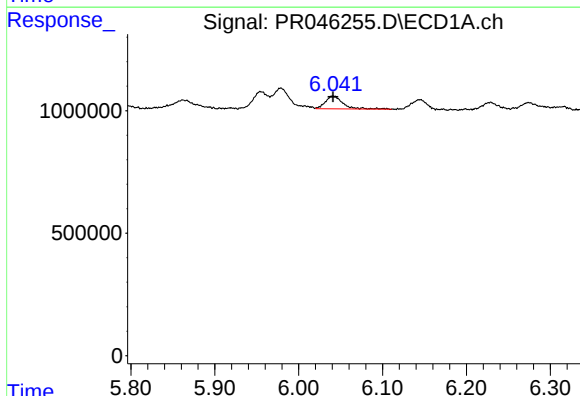
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 1170043  
Conc: 15.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



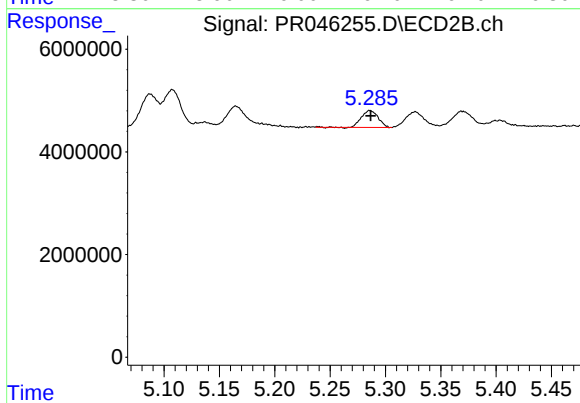
#17 AR-1242-2

R.T.: 5.107 min  
Delta R.T.: 0.000 min  
Response: 8995135  
Conc: 17.17 ng/ml



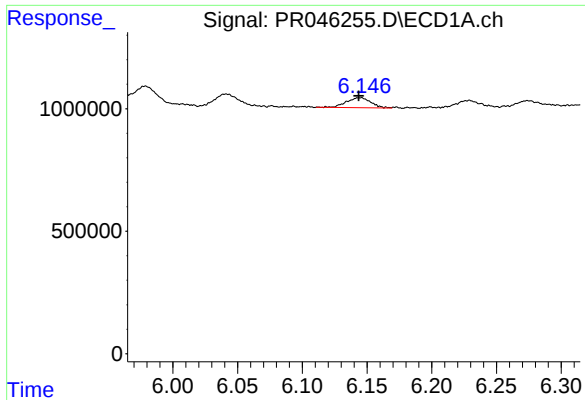
#18 AR-1242-3

R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 748828  
Conc: 16.37 ng/ml



#18 AR-1242-3

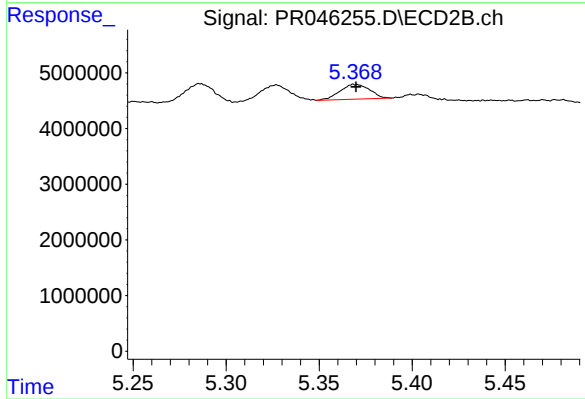
R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 3438917  
Conc: 13.48 ng/ml



#19 AR-1242-4

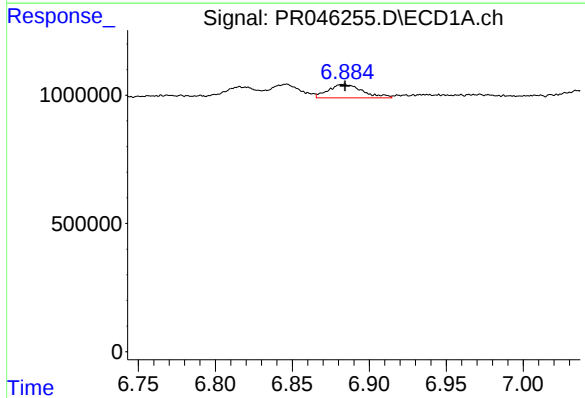
R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 530471  
Conc: 13.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



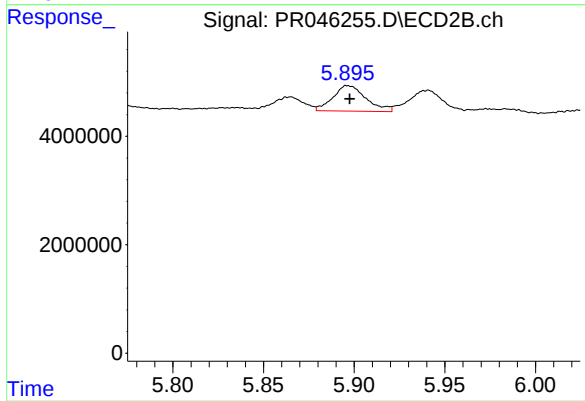
#19 AR-1242-4

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 2936141  
Conc: 11.29 ng/ml



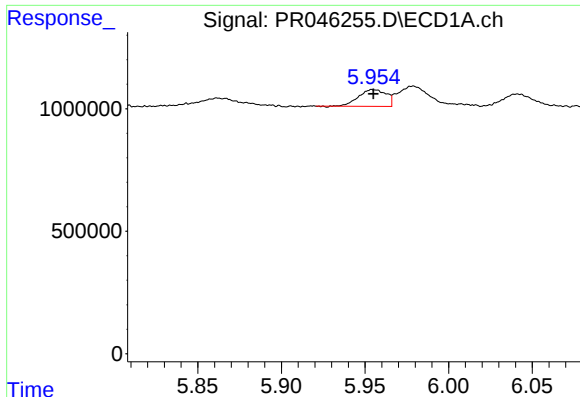
#20 AR-1242-5

R.T.: 6.883 min  
Delta R.T.: -0.001 min  
Response: 818803  
Conc: 18.51 ng/ml



#20 AR-1242-5

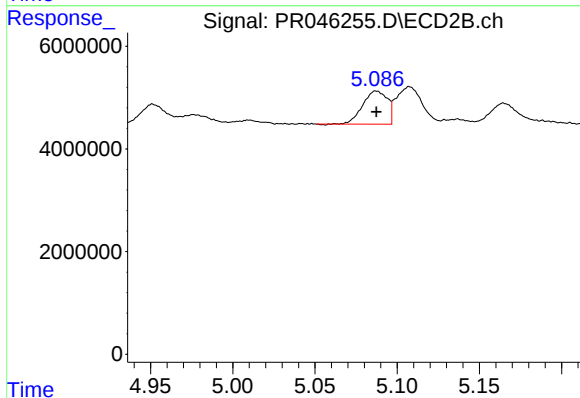
R.T.: 5.897 min  
Delta R.T.: 0.000 min  
Response: 5980056  
Conc: 16.20 ng/ml



#21 AR-1248-1

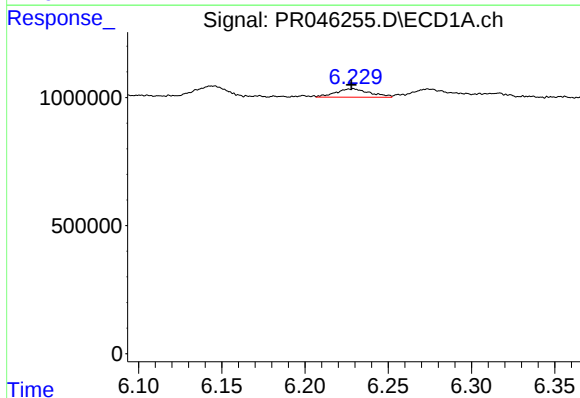
R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 781830  
Conc: 19.41 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



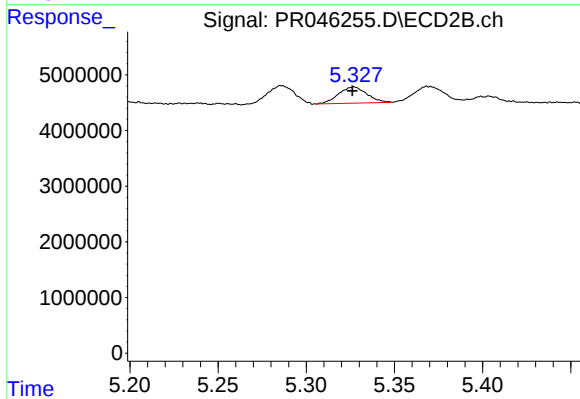
#21 AR-1248-1

R.T.: 5.088 min  
Delta R.T.: 0.000 min  
Response: 6667899  
Conc: 23.12 ng/ml



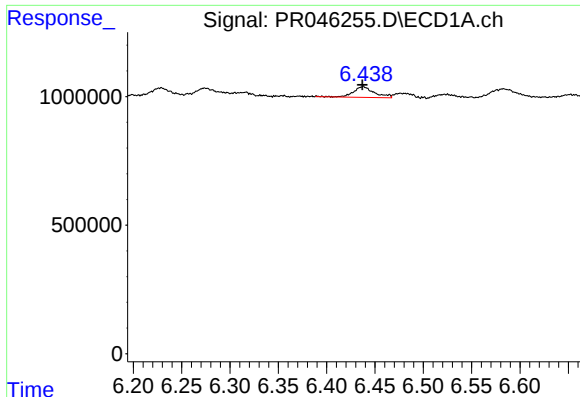
#22 AR-1248-2

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 470049  
Conc: 8.62 ng/ml



#22 AR-1248-2

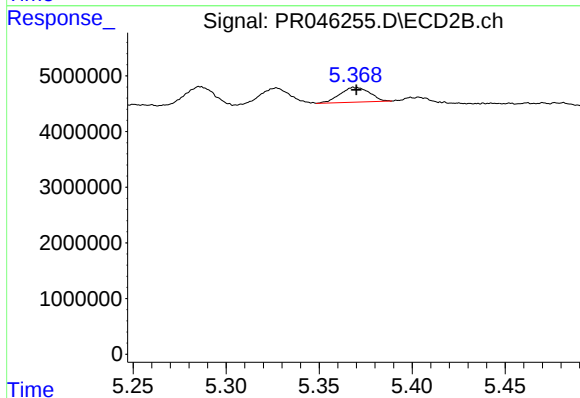
R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 3251728  
Conc: 9.22 ng/ml



#23 AR-1248-3

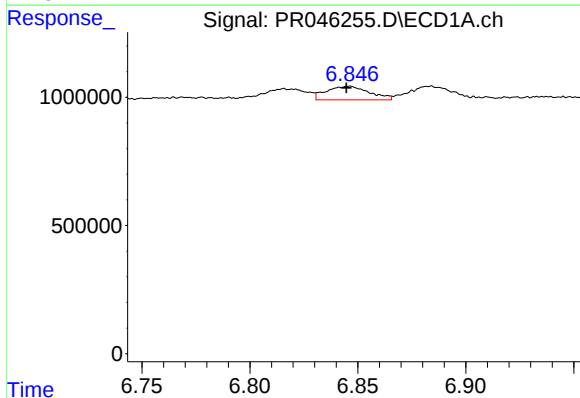
R.T.: 6.438 min  
Delta R.T.: 0.000 min  
Response: 619175  
Conc: 9.98 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



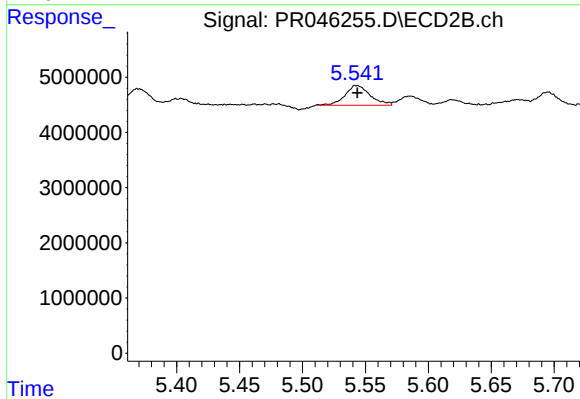
#23 AR-1248-3

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 2936141  
Conc: 7.85 ng/ml



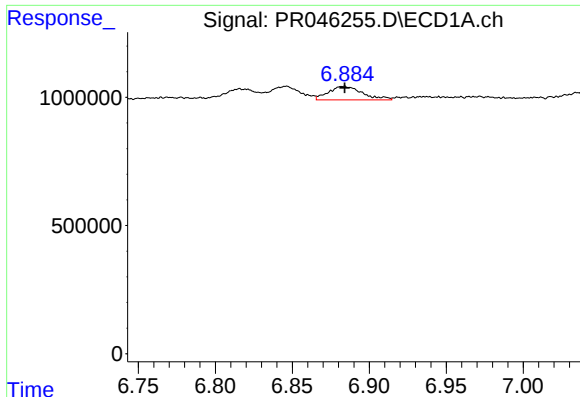
#24 AR-1248-4

R.T.: 6.846 min  
Delta R.T.: 0.001 min  
Response: 739453  
Conc: 10.04 ng/ml



#24 AR-1248-4

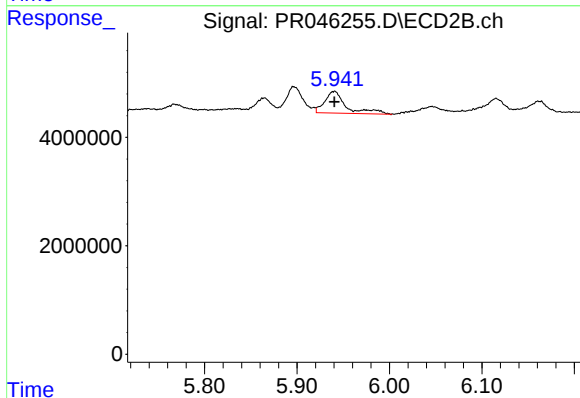
R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 5005331  
Conc: 10.66 ng/ml



#25 AR-1248-5

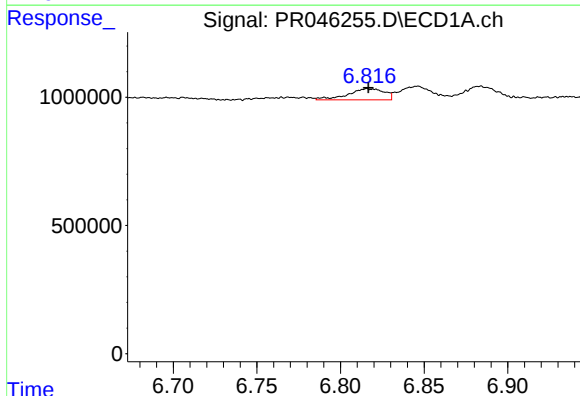
R.T.: 6.883 min  
Delta R.T.: 0.000 min  
Response: 818803  
Conc: 11.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



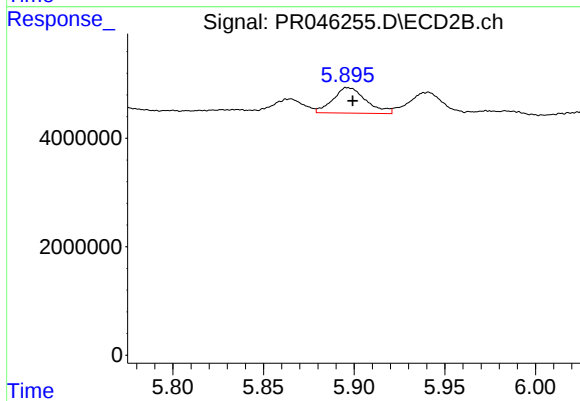
#25 AR-1248-5

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 6491231  
Conc: 13.41 ng/ml



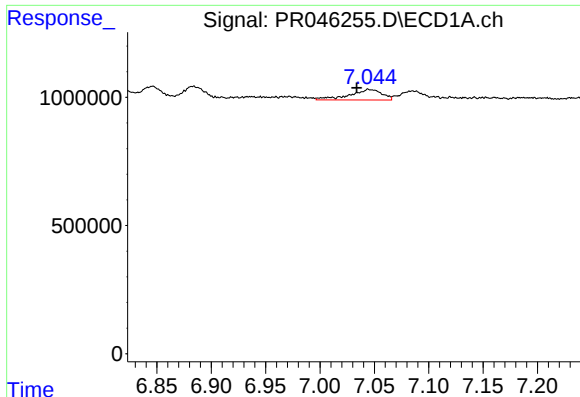
#26 AR-1254-1

R.T.: 6.816 min  
Delta R.T.: 0.000 min  
Response: 659991  
Conc: 8.55 ng/ml



#26 AR-1254-1

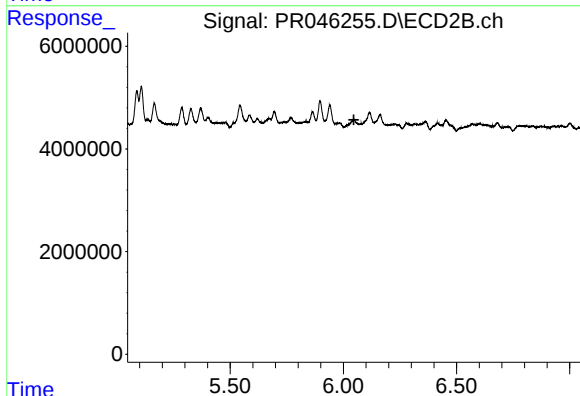
R.T.: 5.897 min  
Delta R.T.: -0.002 min  
Response: 5980056  
Conc: 7.59 ng/ml



#27 AR-1254-2

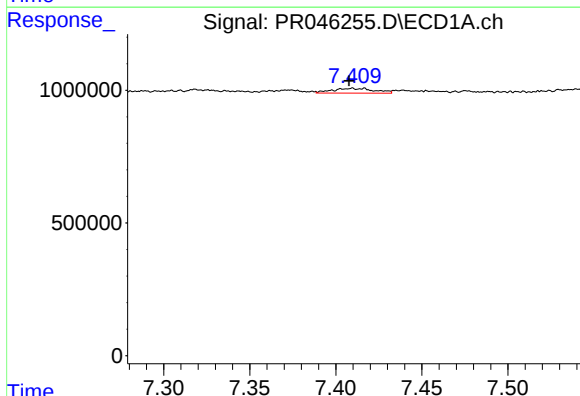
R.T.: 7.045 min  
Delta R.T.: 0.011 min  
Response: 855599  
Conc: 7.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



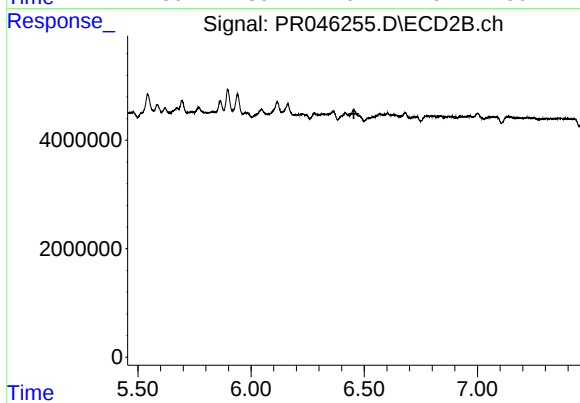
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.047 min  
Response: 0  
Conc: N.D.



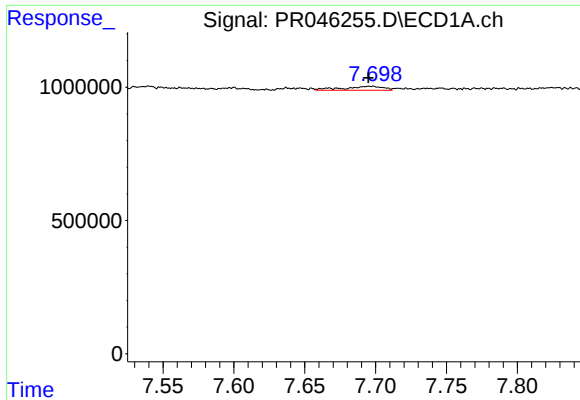
#28 AR-1254-3

R.T.: 7.409 min  
Delta R.T.: 0.002 min  
Response: 306522  
Conc: 2.29 ng/ml



#28 AR-1254-3

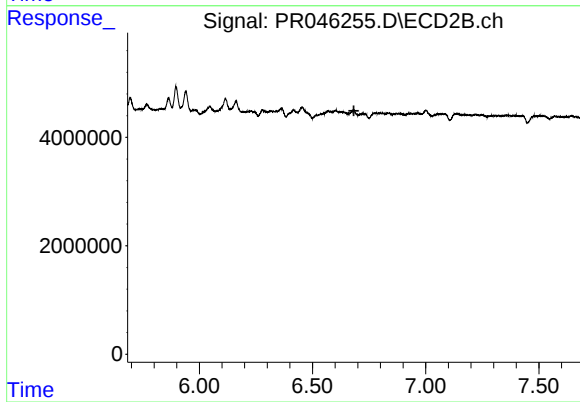
R.T.: 0.000 min  
Exp R.T. : 6.454 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

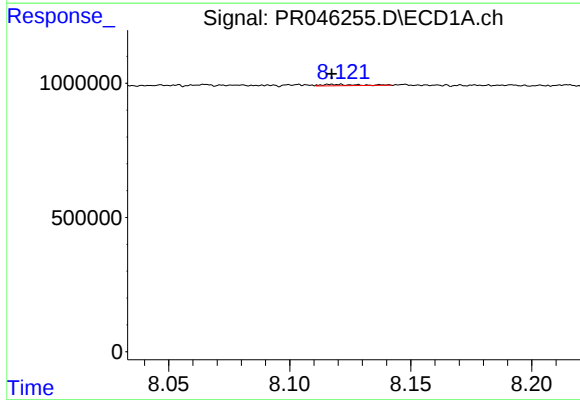
R.T.: 7.697 min  
Delta R.T.: 0.002 min  
Response: 288705  
Conc: 2.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



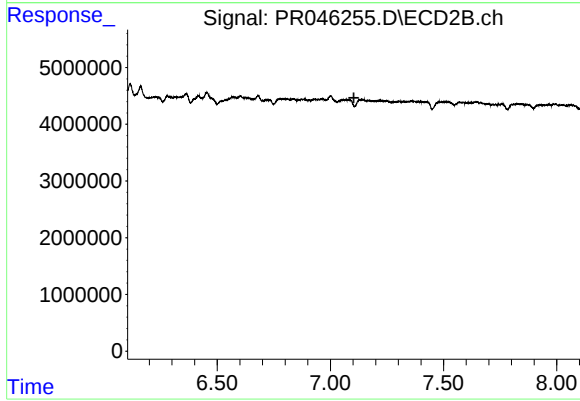
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.683 min  
Response: 0  
Conc: N.D.



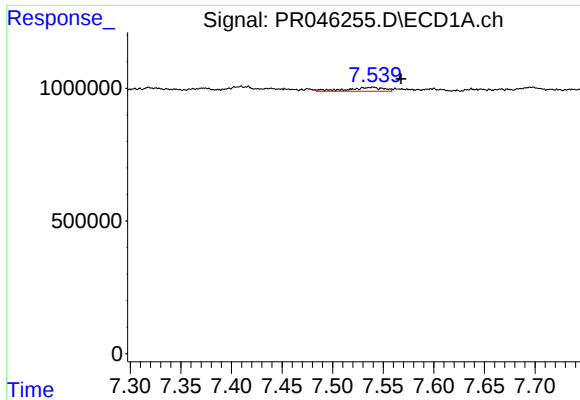
#30 AR-1254-5

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 50207  
Conc: 0.45 ng/ml



#30 AR-1254-5

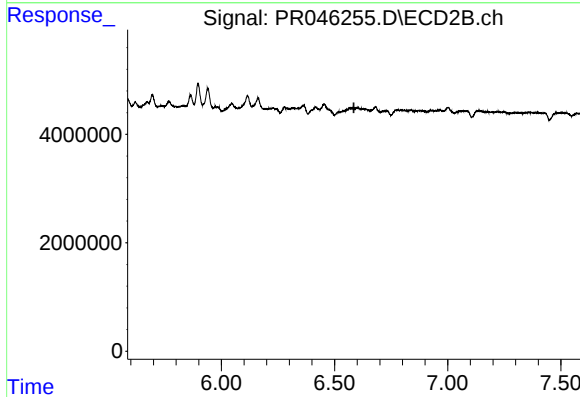
R.T.: 0.000 min  
Exp R.T. : 7.104 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

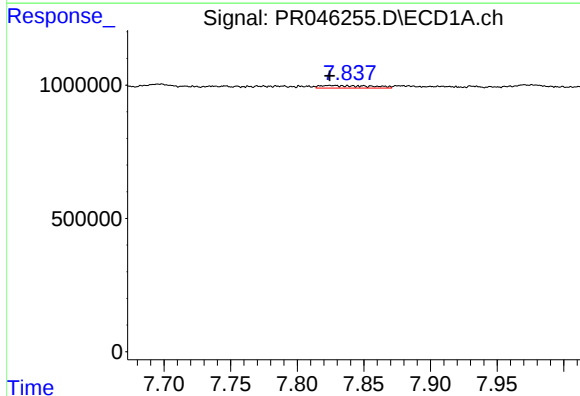
R.T.: 7.540 min  
Delta R.T.: -0.028 min  
Response: 359748  
Conc: 3.87 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



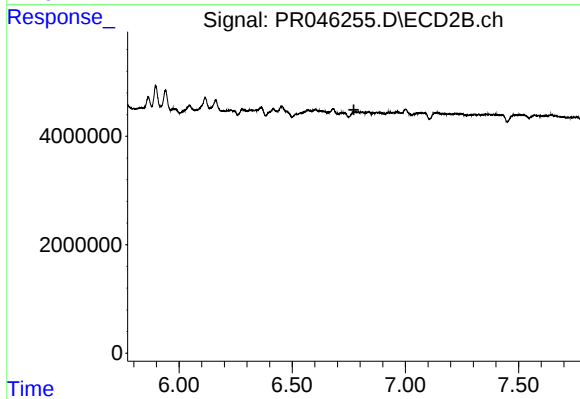
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.585 min  
Response: 0  
Conc: N.D.



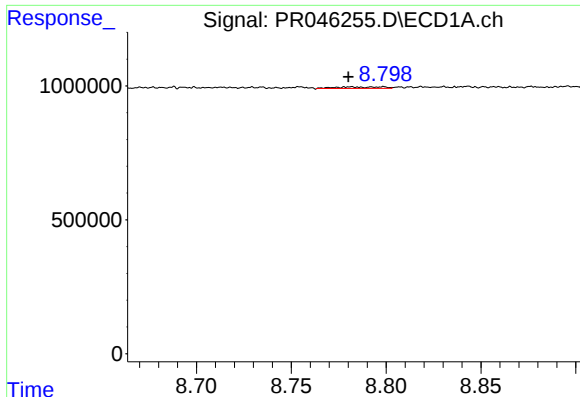
#32 AR-1260-2

R.T.: 7.824 min  
Delta R.T.: 0.000 min  
Response: 258225  
Conc: 2.25 ng/ml



#32 AR-1260-2

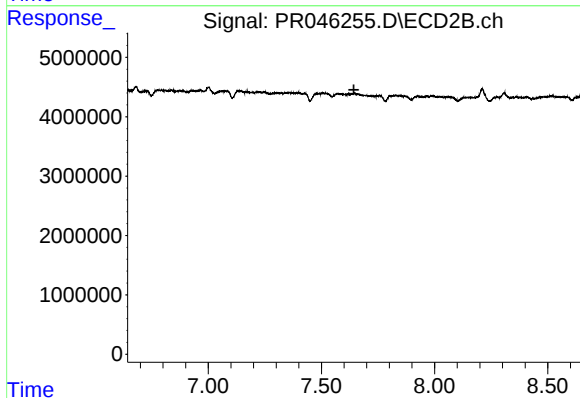
R.T.: 0.000 min  
Exp R.T. : 6.773 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

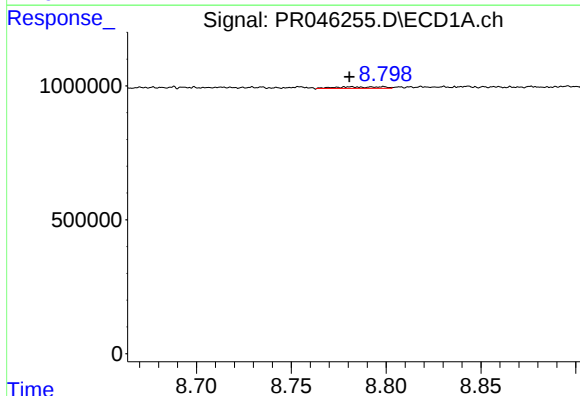
R.T.: 8.782 min  
Delta R.T.: 0.002 min  
Response: 92892  
Conc: 0.43 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



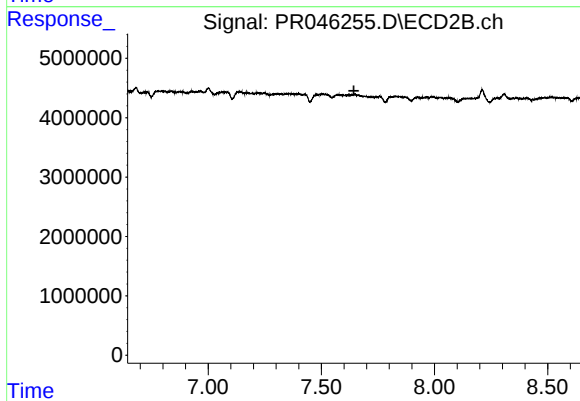
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.643 min  
Response: 0  
Conc: N.D.



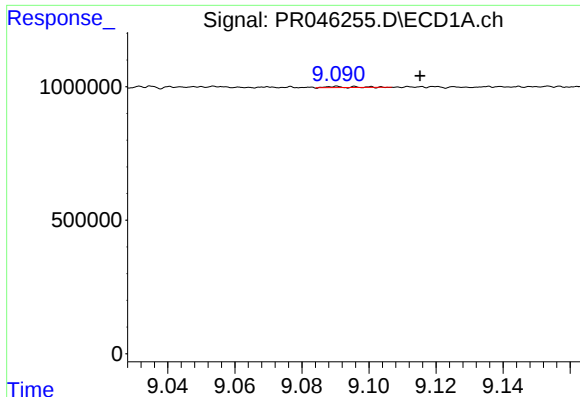
#37 AR-1262-2

R.T.: 8.782 min  
Delta R.T.: 0.000 min  
Response: 92892  
Conc: 0.41 ng/ml



#37 AR-1262-2

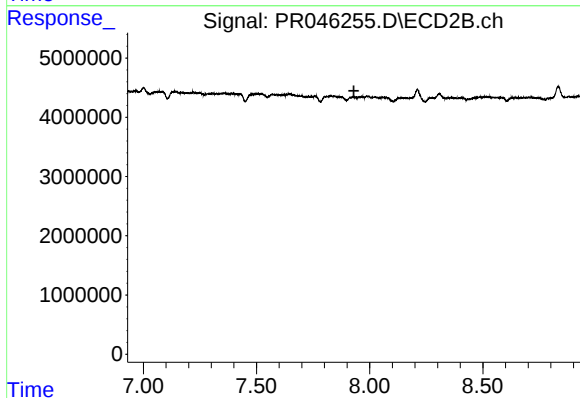
R.T.: 0.000 min  
Exp R.T. : 7.644 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

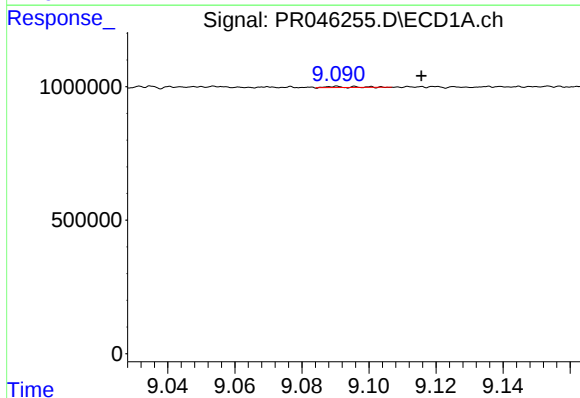
R.T.: 9.090 min  
Delta R.T.: -0.025 min  
Response: 20765  
Conc: 0.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



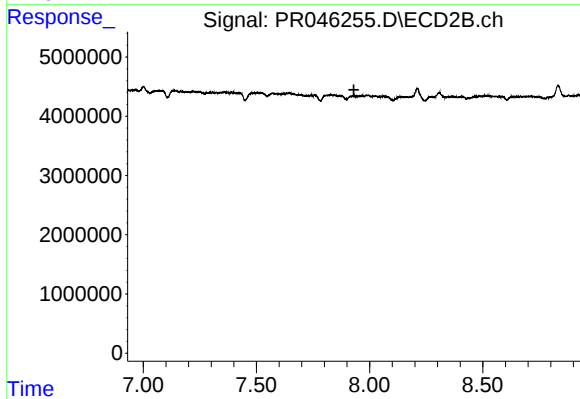
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.930 min  
Response: 0  
Conc: N.D.



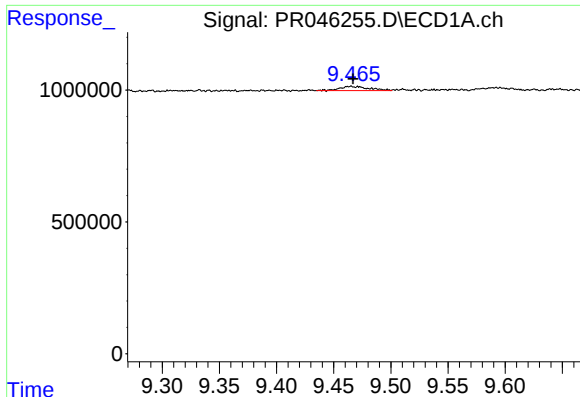
#41 AR-1268-1

R.T.: 9.090 min  
Delta R.T.: -0.025 min  
Response: 20765  
Conc: 0.07 ng/ml



#41 AR-1268-1

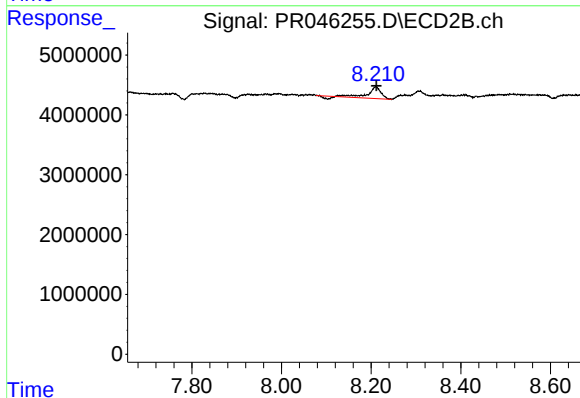
R.T.: 0.000 min  
Exp R.T. : 7.931 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

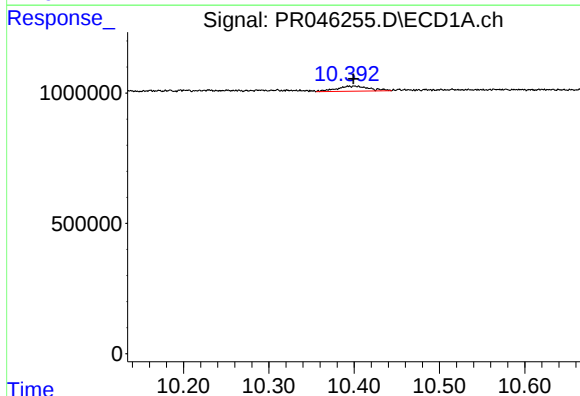
R.T.: 9.465 min  
Delta R.T.: -0.002 min  
Response: 293103  
Conc: 1.28 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



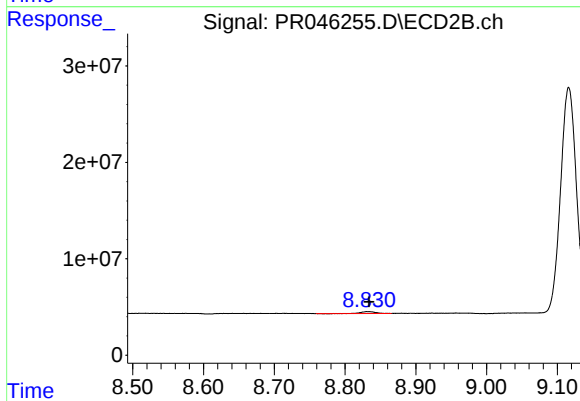
#43 AR-1268-3

R.T.: 8.210 min  
Delta R.T.: -0.001 min  
Response: 3793117  
Conc: 1.89 ng/ml



#45 AR-1268-5

R.T.: 10.400 min  
Delta R.T.: 0.001 min  
Response: 514259  
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 8.833 min  
Delta R.T.: -0.002 min  
Response: 2603110  
Conc: 0.41 ng/ml