

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040725\  
 Data File : PP071123.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2025 14:22  
 Operator : YP\AJ  
 Sample : Q1730-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 OU4-PCS-TC-22-040325

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 15:01:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP032725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 28 03:13:46 2025  
 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... | 4.513  | 3.815  | 42076855 | 30833233 | 28.789 | 29.743   |
| 2)                          | SA Decachlor... | 10.238 | 8.858  | 29563760 | 19739114 | 28.086 | 25.043   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.639  | 4.918  | 1140080  | 313517   | 22.420 | 7.821 #  |
| 4)                          | L1 AR-1016-2    | 5.639f | 4.918  | 1140080  | 313517   | 14.606 | 5.418 #  |
| 5)                          | L1 AR-1016-3    | 5.814f | 5.095  | 854031   | 97351    | 18.104 | 3.148 #  |
| 6)                          | L1 AR-1016-4    | 5.814  | 5.142  | 854031   | 75877    | 23.235 | 3.115 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.346  | 0        | 476458   | N.D.   | 14.741 # |
| 8)                          | L2 AR-1221-1    | 4.720  | 4.032  | 442702   | 406559   | 25.511 | 26.671   |
| 9)                          | L2 AR-1221-2    | 4.815  | 4.117  | 823761   | 1045240  | 63.597 | 91.397 # |
| 10)                         | L2 AR-1221-3    | 4.918f | 4.191  | 707275   | 140330   | 16.954 | 4.117 #  |
| 11)                         | L3 AR-1232-1    | 4.918f | 4.191  | 707275   | 140330   | 21.247 | 5.014 #  |
| 12)                         | L3 AR-1232-2    | 5.438  | 4.918  | 99987    | 313517   | 6.284  | 11.173 # |
| 13)                         | L3 AR-1232-3    | 5.639f | 5.095  | 1140080  | 97351    | 33.267 | 6.538 #  |
| 14)                         | L3 AR-1232-4    | 5.814f | 5.142f | 854031   | 75877    | 54.371 | 5.926 #  |
| 15)                         | L3 AR-1232-5    | 5.895f | 5.346  | 285378   | 476458   | 26.820 | 33.613 # |
| 16)                         | L4 AR-1242-1    | 5.639  | 4.918  | 1140080  | 313517   | 25.924 | 9.168 #  |
| 17)                         | L4 AR-1242-2    | 5.639f | 4.918  | 1140080  | 313517   | 17.726 | 6.365 #  |
| 18)                         | L4 AR-1242-3    | 5.814f | 5.095  | 854031   | 97351    | 20.810 | 3.654 #  |
| 19)                         | L4 AR-1242-4    | 5.814  | 5.142f | 854031   | 75877    | 27.980 | 2.876 #  |
| 20)                         | L4 AR-1242-5    | 6.545  | 5.697  | 576973   | 190368   | 15.803 | 6.149 #  |
| 21)                         | L5 AR-1248-1    | 5.639  | 4.918  | 1140080  | 313517   | 31.418 | 11.577 # |
| 22)                         | L5 AR-1248-2    | 5.895f | 5.142  | 285378   | 75877    | 6.350  | 2.066 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.142f | 0        | 75877    | N.D.   | 1.963 #  |
| 24)                         | L5 AR-1248-4    | 6.545  | 5.346  | 576973   | 476458   | 8.994  | 10.555   |
| 25)                         | L5 AR-1248-5    | 6.545  | 5.738  | 576973   | 66676    | 9.482  | 1.562 #  |
| 26)                         | L6 AR-1254-1    | 6.518  | 5.697  | 484478   | 190368   | 7.524  | 2.884 #  |
| 27)                         | L6 AR-1254-2    | 6.745  | 5.854  | 902210   | 54290    | 8.925  | 0.951 #  |
| 28)                         | L6 AR-1254-3    | 7.095  | 6.272  | 1004919  | 347985   | 10.077 | 4.007 #  |
| 29)                         | L6 AR-1254-4    | 7.364  | 6.501  | 827620   | 301167   | 9.557  | 5.368 #  |
| 31)                         | L7 AR-1260-1    | 7.205f | 6.395  | 701223   | 52569    | 10.442 | 1.027 #  |
| 32)                         | L7 AR-1260-2    | 7.530  | 6.611  | 644556   | 232529   | 6.705  | 3.645 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.736  | 0        | 148071   | N.D.   | 2.718 #  |
| 34)                         | L7 AR-1260-4    | 8.082  | 7.173  | 2531804  | 249800   | 32.155 | 5.223 #  |
| 35)                         | L7 AR-1260-5    | 8.385  | 7.406f | 1874360  | 551721   | 11.797 | 4.431 #  |
| 36)                         | L8 AR-1262-1    | 8.082  | 6.899f | 2531804  | -1410540 | 23.817 | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.385  | 7.173  | 1874360  | 249800   | 9.448  | 3.649 #  |
| -----                       |                 |        |        |          |          |        |          |

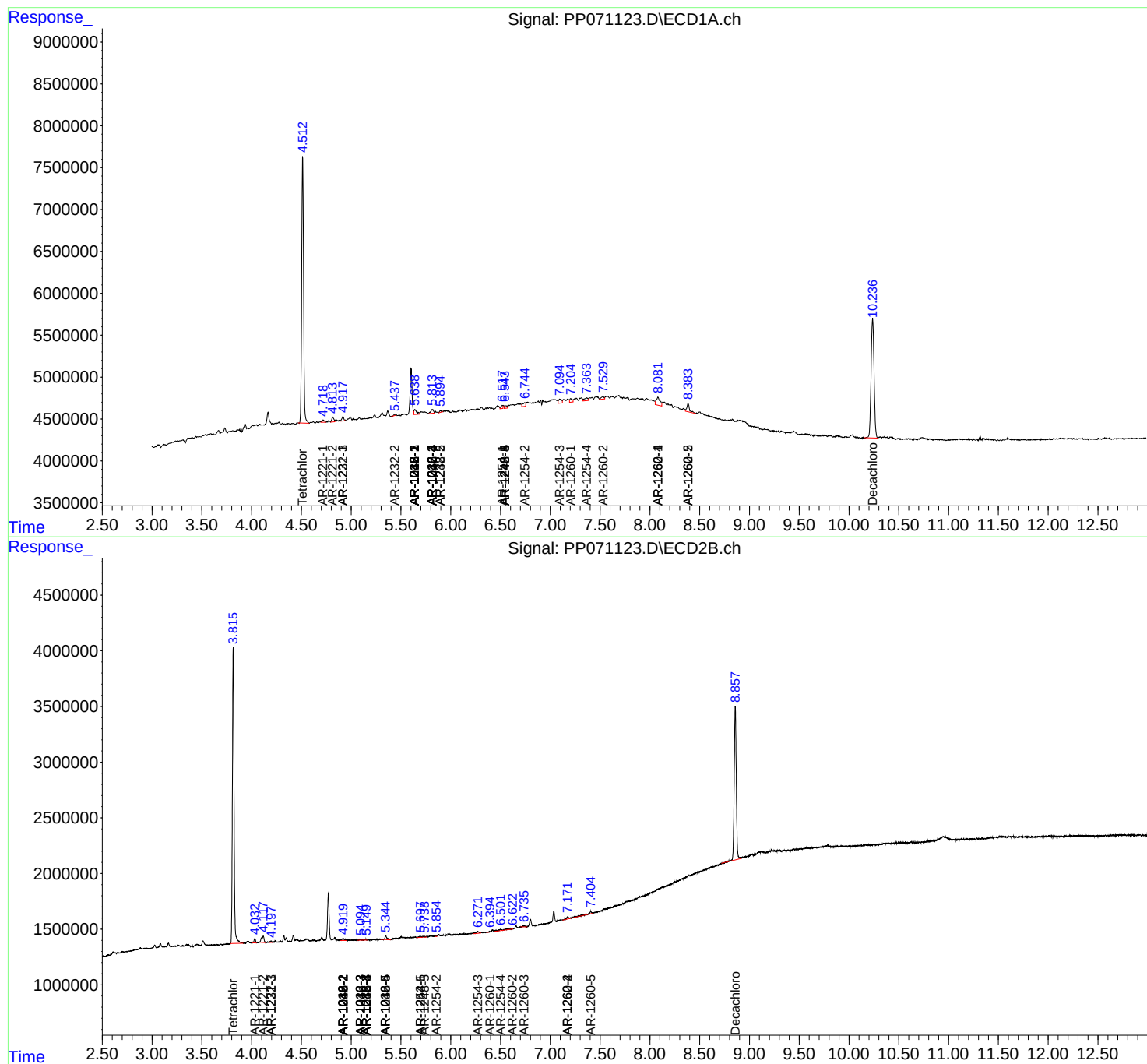
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

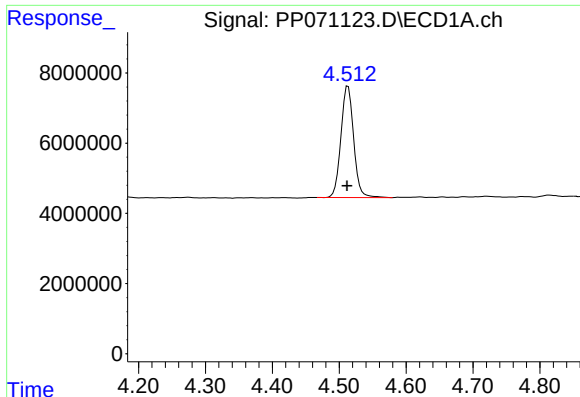
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040725\  
Data File : PP071123.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Apr 2025 14:22  
Operator : YP\AJ  
Sample : Q1730-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 07 15:01:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP032725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 28 03:13:46 2025  
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

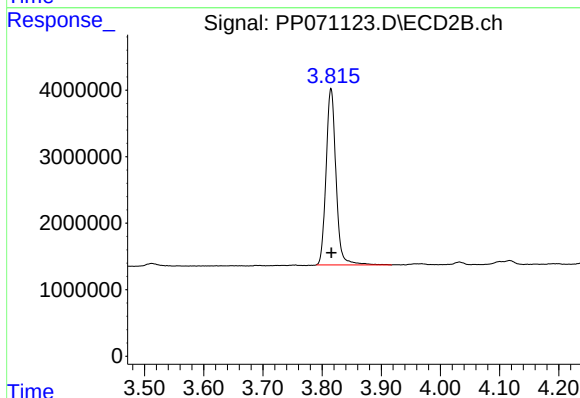




#1 Tetrachloro-m-xylene

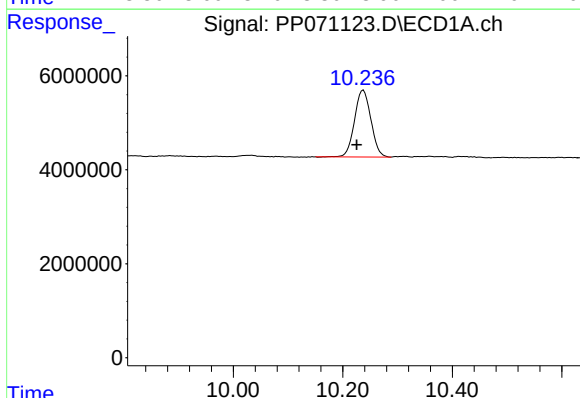
R.T.: 4.513 min  
Delta R.T.: 0.001 min  
Response: 42076855  
Conc: 28.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



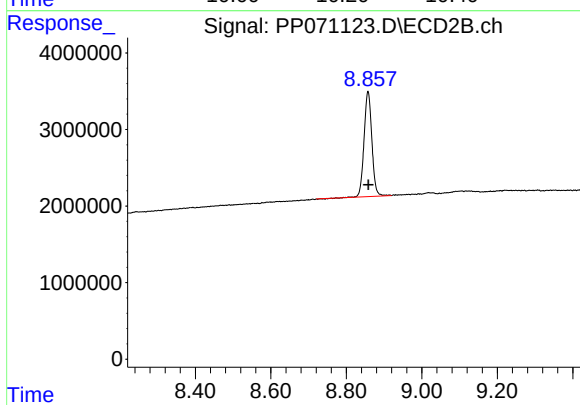
#1 Tetrachloro-m-xylene

R.T.: 3.815 min  
Delta R.T.: 0.000 min  
Response: 30833233  
Conc: 29.74 ng/ml



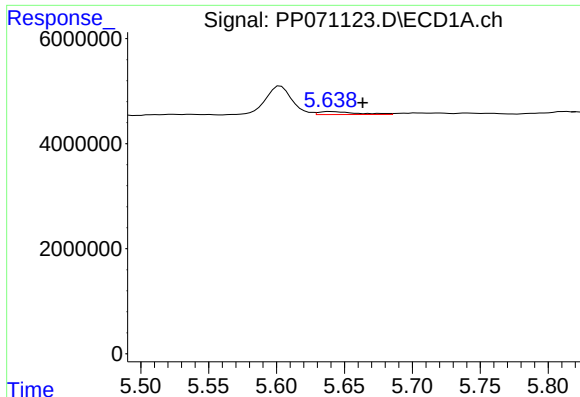
#2 Decachlorobiphenyl

R.T.: 10.238 min  
Delta R.T.: 0.012 min  
Response: 29563760  
Conc: 28.09 ng/ml



#2 Decachlorobiphenyl

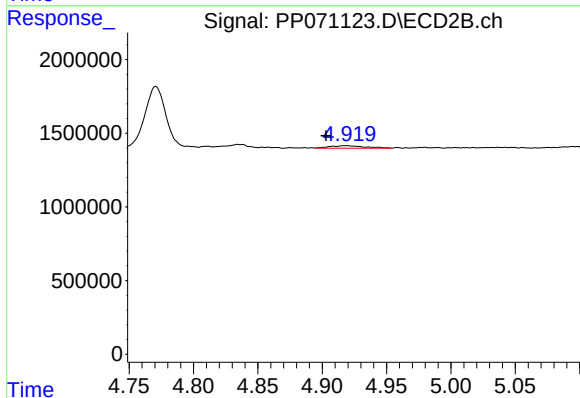
R.T.: 8.858 min  
Delta R.T.: -0.001 min  
Response: 19739114  
Conc: 25.04 ng/ml



#3 AR-1016-1

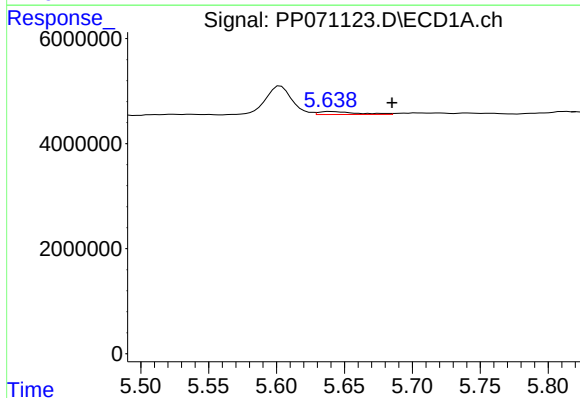
R.T.: 5.639 min  
Delta R.T.: -0.024 min  
Response: 1140080  
Conc: 22.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



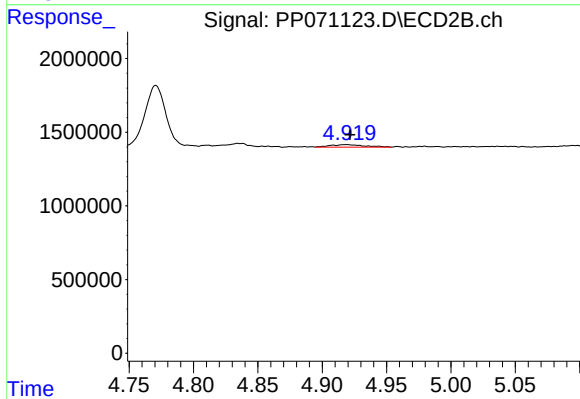
#3 AR-1016-1

R.T.: 4.918 min  
Delta R.T.: 0.015 min  
Response: 313517  
Conc: 7.82 ng/ml



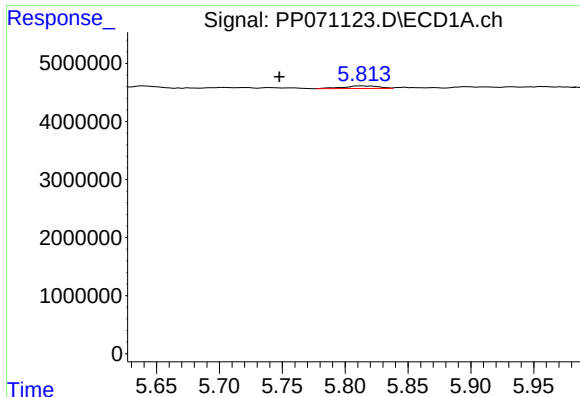
#4 AR-1016-2

R.T.: 5.639 min  
Delta R.T.: -0.046 min  
Response: 1140080  
Conc: 14.61 ng/ml



#4 AR-1016-2

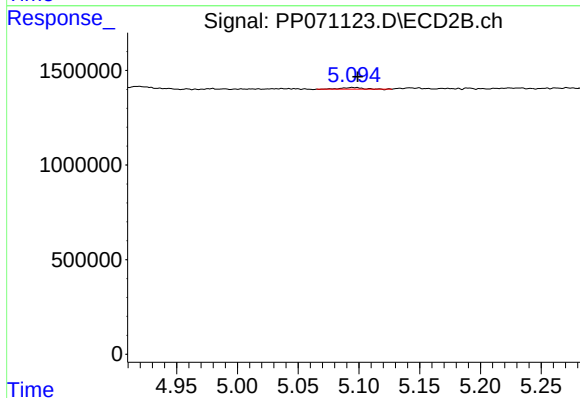
R.T.: 4.918 min  
Delta R.T.: -0.003 min  
Response: 313517  
Conc: 5.42 ng/ml



#5 AR-1016-3

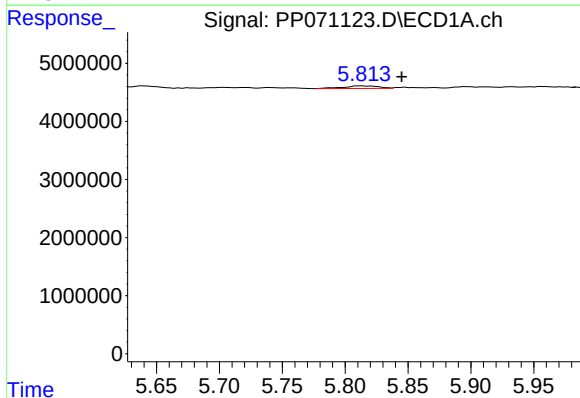
R.T.: 5.814 min  
Delta R.T.: 0.066 min  
Response: 854031  
Conc: 18.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



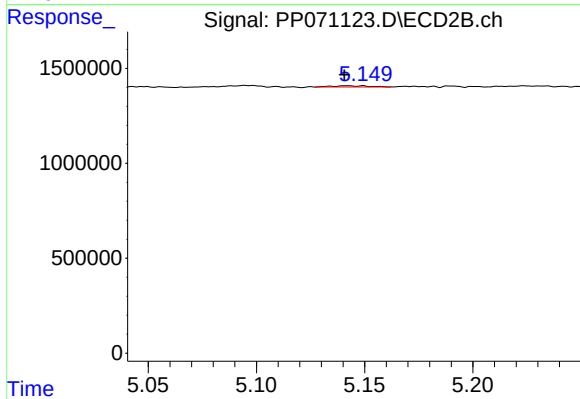
#5 AR-1016-3

R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 97351  
Conc: 3.15 ng/ml



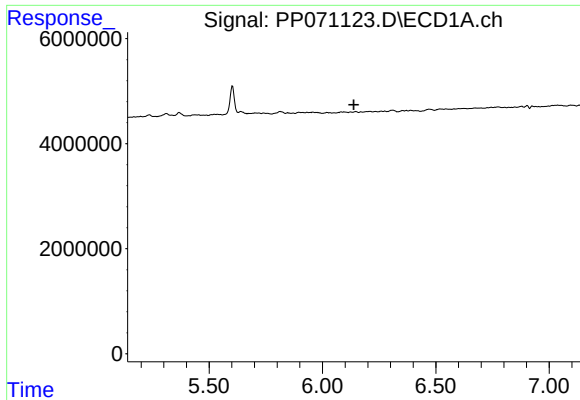
#6 AR-1016-4

R.T.: 5.814 min  
Delta R.T.: -0.031 min  
Response: 854031  
Conc: 23.24 ng/ml



#6 AR-1016-4

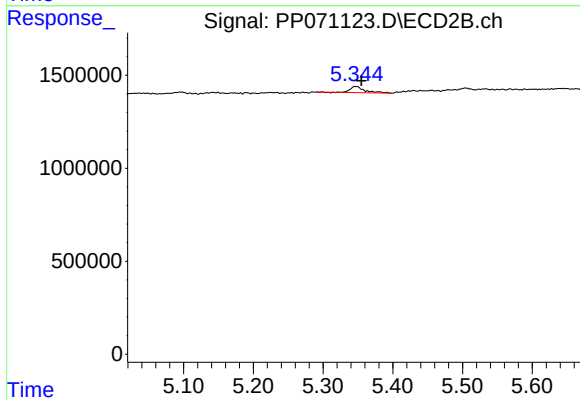
R.T.: 5.142 min  
Delta R.T.: 0.001 min  
Response: 75877  
Conc: 3.12 ng/ml



#7 AR-1016-5

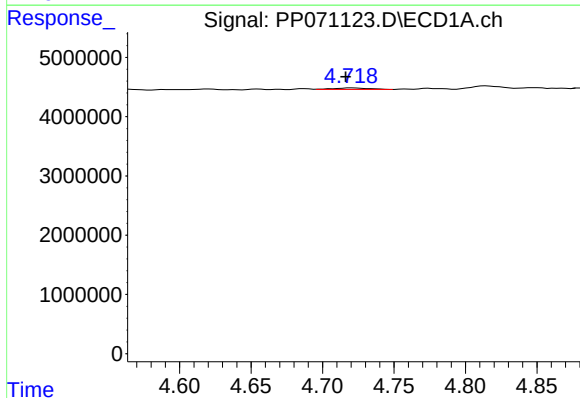
R.T.: 0.000 min  
Exp R.T.: 6.138 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



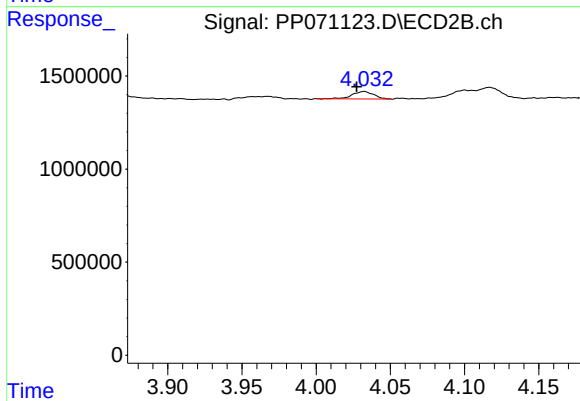
#7 AR-1016-5

R.T.: 5.346 min  
Delta R.T.: -0.009 min  
Response: 476458  
Conc: 14.74 ng/ml



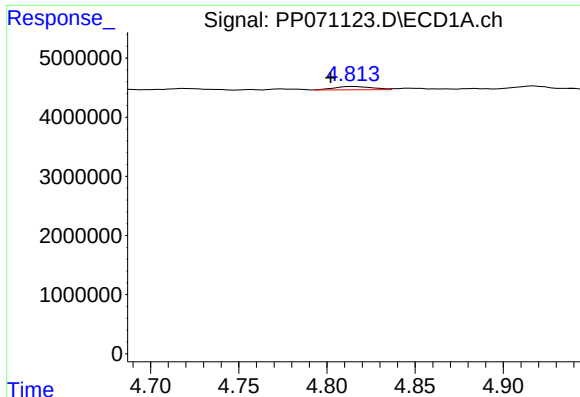
#8 AR-1221-1

R.T.: 4.720 min  
Delta R.T.: 0.004 min  
Response: 442702  
Conc: 25.51 ng/ml



#8 AR-1221-1

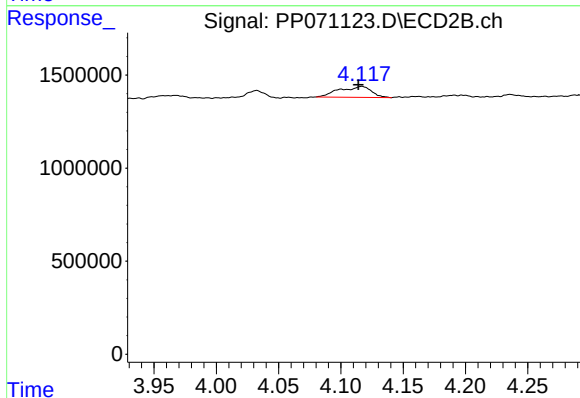
R.T.: 4.032 min  
Delta R.T.: 0.005 min  
Response: 406559  
Conc: 26.67 ng/ml



#9 AR-1221-2

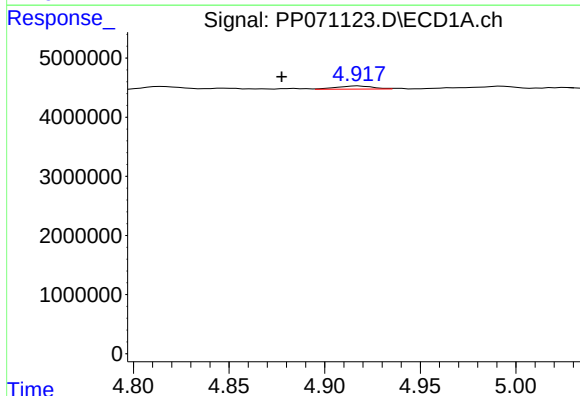
R.T.: 4.815 min  
Delta R.T.: 0.013 min  
Response: 823761  
Conc: 63.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



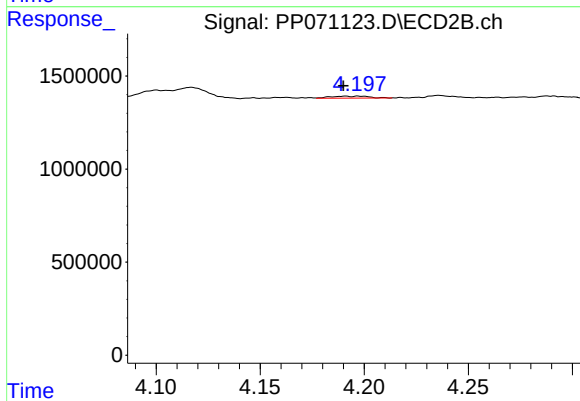
#9 AR-1221-2

R.T.: 4.117 min  
Delta R.T.: 0.003 min  
Response: 1045240  
Conc: 91.40 ng/ml



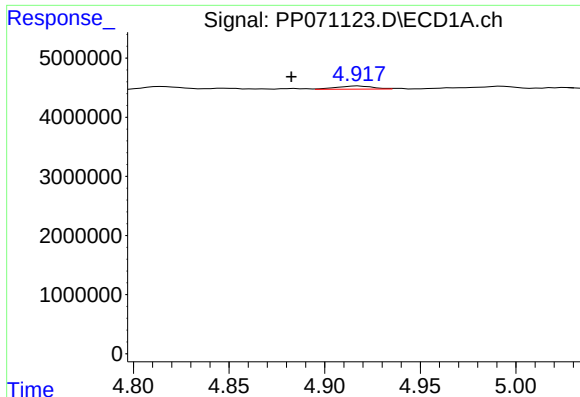
#10 AR-1221-3

R.T.: 4.918 min  
Delta R.T.: 0.040 min  
Response: 707275  
Conc: 16.95 ng/ml



#10 AR-1221-3

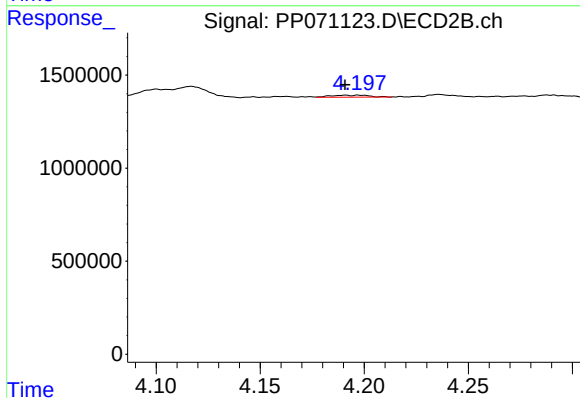
R.T.: 4.191 min  
Delta R.T.: 0.000 min  
Response: 140330  
Conc: 4.12 ng/ml



#11 AR-1232-1

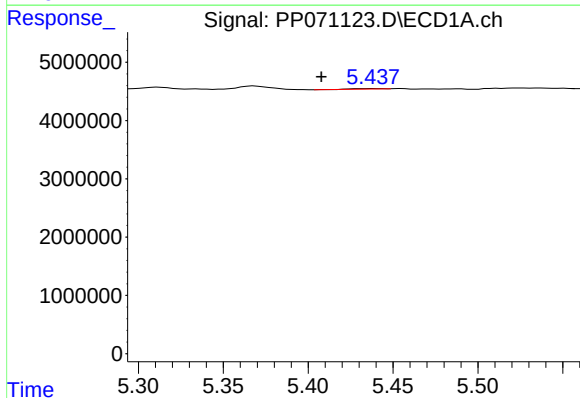
R.T.: 4.918 min  
Delta R.T.: 0.035 min  
Response: 707275  
Conc: 21.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



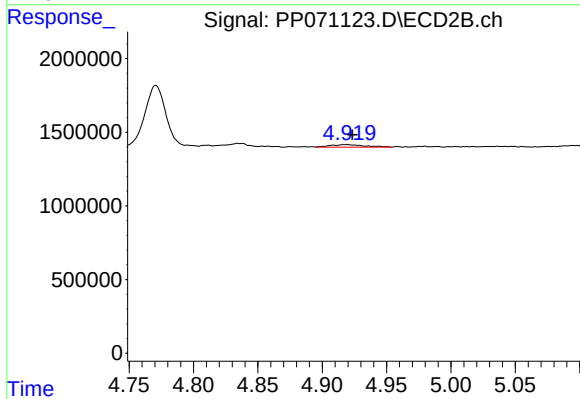
#11 AR-1232-1

R.T.: 4.191 min  
Delta R.T.: 0.000 min  
Response: 140330  
Conc: 5.01 ng/ml



#12 AR-1232-2

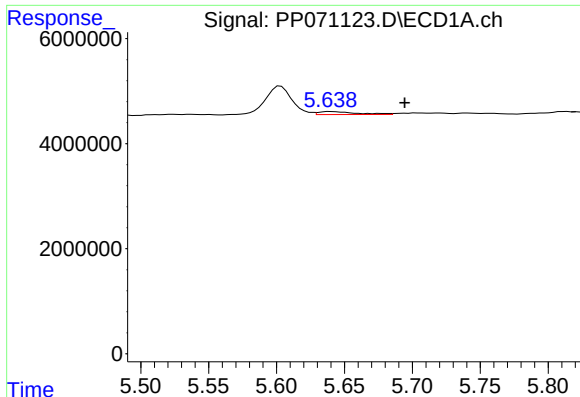
R.T.: 5.438 min  
Delta R.T.: 0.030 min  
Response: 99987  
Conc: 6.28 ng/ml



#12 AR-1232-2

R.T.: 4.918 min  
Delta R.T.: -0.005 min  
Response: 313517  
Conc: 11.17 ng/ml

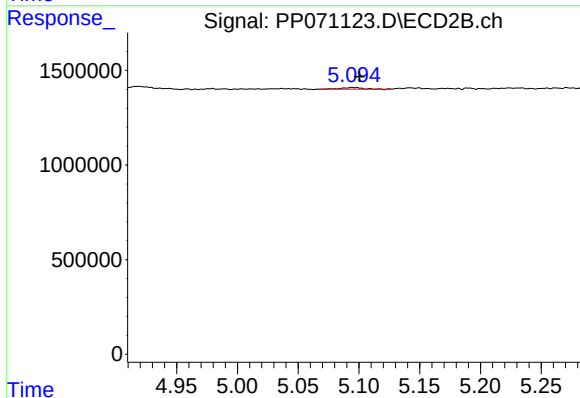




#13 AR-1232-3

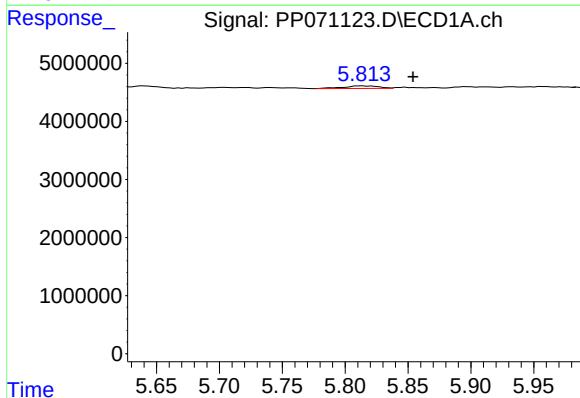
R.T.: 5.639 min  
Delta R.T.: -0.055 min  
Response: 1140080  
Conc: 33.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



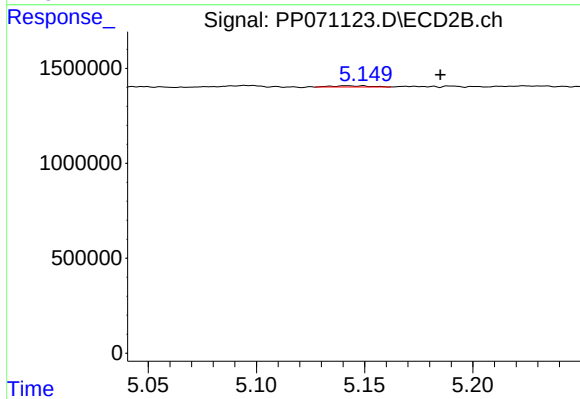
#13 AR-1232-3

R.T.: 5.095 min  
Delta R.T.: -0.005 min  
Response: 97351  
Conc: 6.54 ng/ml



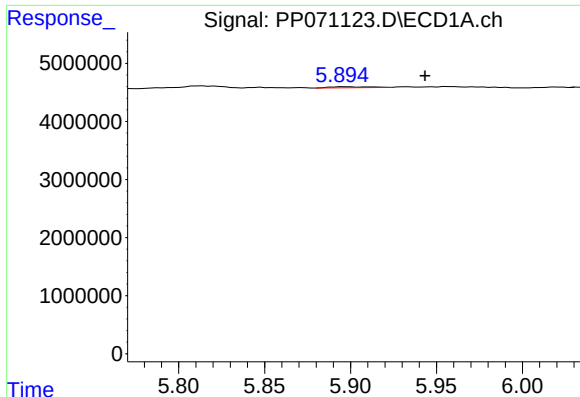
#14 AR-1232-4

R.T.: 5.814 min  
Delta R.T.: -0.040 min  
Response: 854031  
Conc: 54.37 ng/ml



#14 AR-1232-4

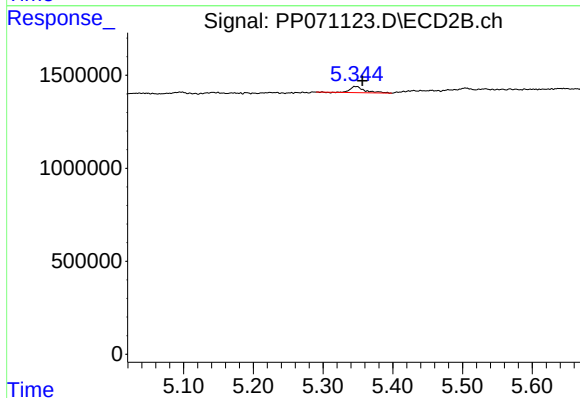
R.T.: 5.142 min  
Delta R.T.: -0.043 min  
Response: 75877  
Conc: 5.93 ng/ml



#15 AR-1232-5

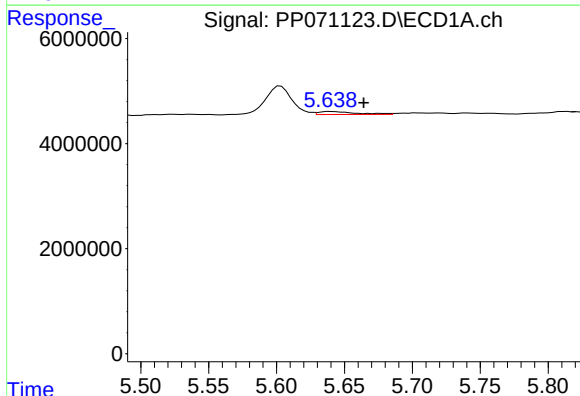
R.T.: 5.895 min  
Delta R.T.: -0.048 min  
Response: 285378  
Conc: 26.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



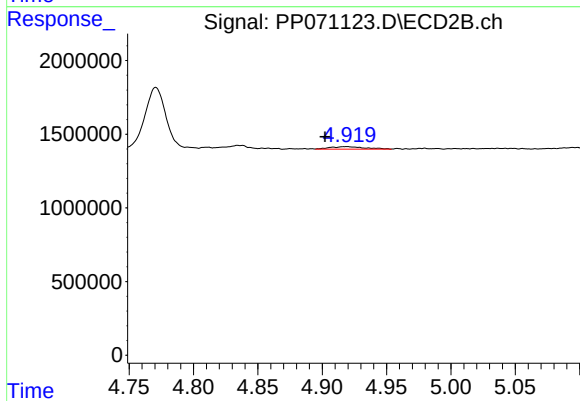
#15 AR-1232-5

R.T.: 5.346 min  
Delta R.T.: -0.010 min  
Response: 476458  
Conc: 33.61 ng/ml



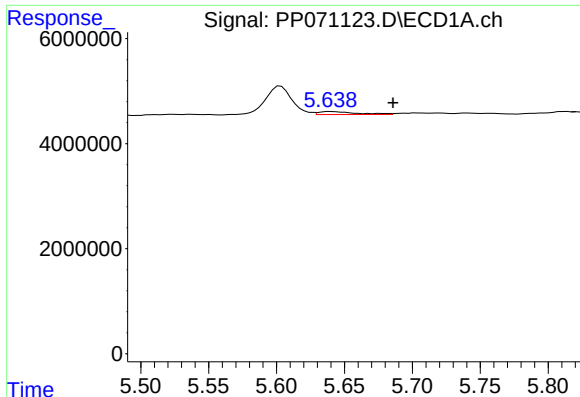
#16 AR-1242-1

R.T.: 5.639 min  
Delta R.T.: -0.025 min  
Response: 1140080  
Conc: 25.92 ng/ml



#16 AR-1242-1

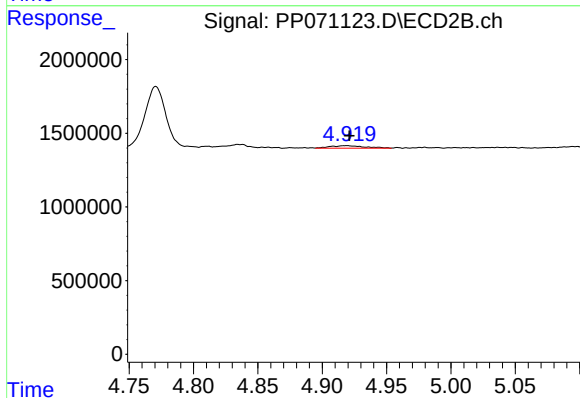
R.T.: 4.918 min  
Delta R.T.: 0.016 min  
Response: 313517  
Conc: 9.17 ng/ml



#17 AR-1242-2

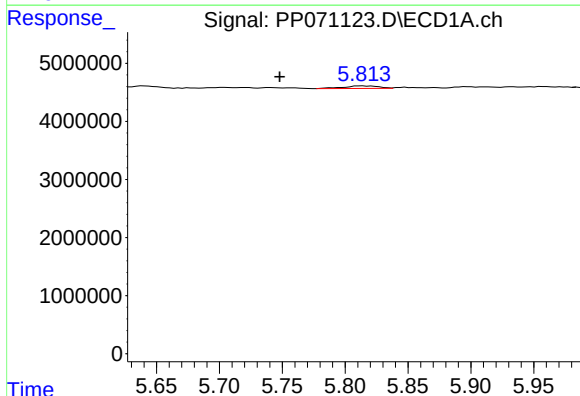
R.T.: 5.639 min  
Delta R.T.: -0.047 min  
Response: 1140080  
Conc: 17.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



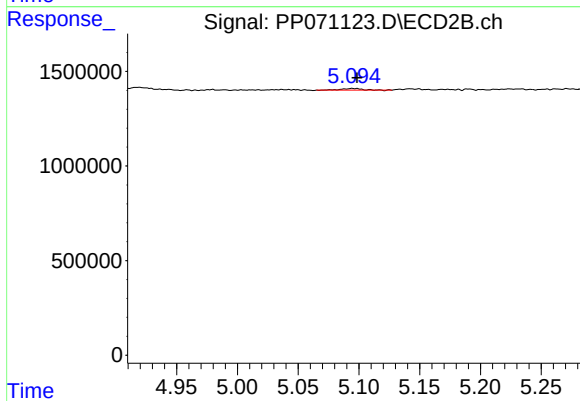
#17 AR-1242-2

R.T.: 4.918 min  
Delta R.T.: -0.003 min  
Response: 313517  
Conc: 6.36 ng/ml



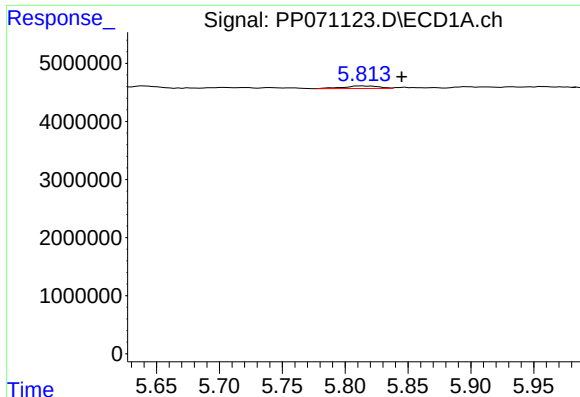
#18 AR-1242-3

R.T.: 5.814 min  
Delta R.T.: 0.066 min  
Response: 854031  
Conc: 20.81 ng/ml



#18 AR-1242-3

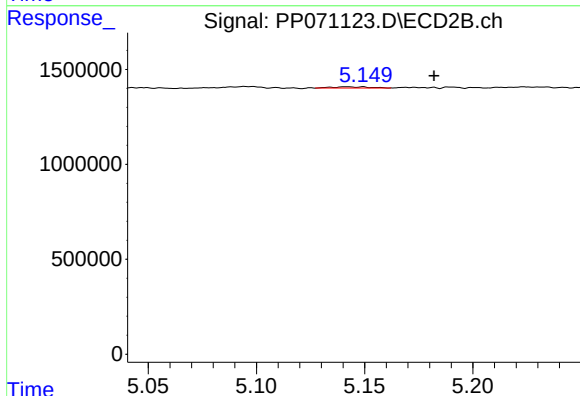
R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 97351  
Conc: 3.65 ng/ml



#19 AR-1242-4

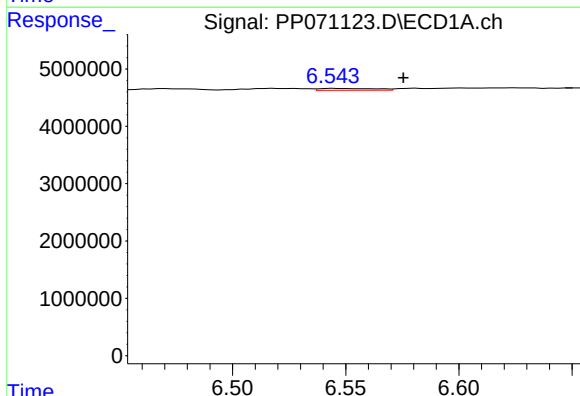
R.T.: 5.814 min  
Delta R.T.: -0.031 min  
Response: 854031  
Conc: 27.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



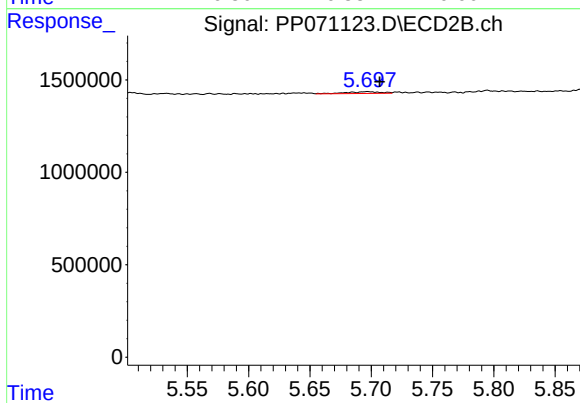
#19 AR-1242-4

R.T.: 5.142 min  
Delta R.T.: -0.040 min  
Response: 75877  
Conc: 2.88 ng/ml



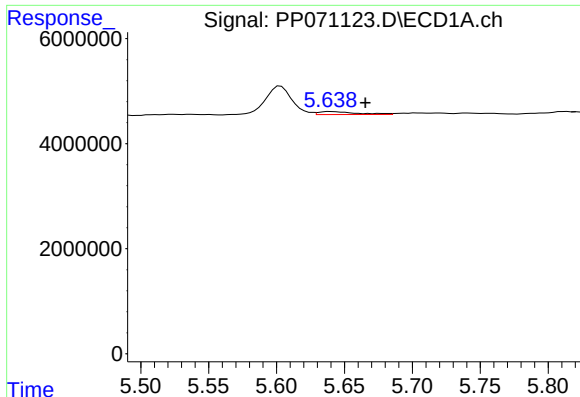
#20 AR-1242-5

R.T.: 6.545 min  
Delta R.T.: -0.030 min  
Response: 576973  
Conc: 15.80 ng/ml



#20 AR-1242-5

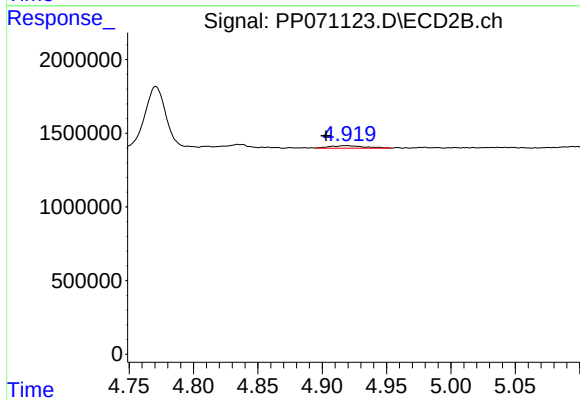
R.T.: 5.697 min  
Delta R.T.: -0.010 min  
Response: 190368  
Conc: 6.15 ng/ml



#21 AR-1248-1

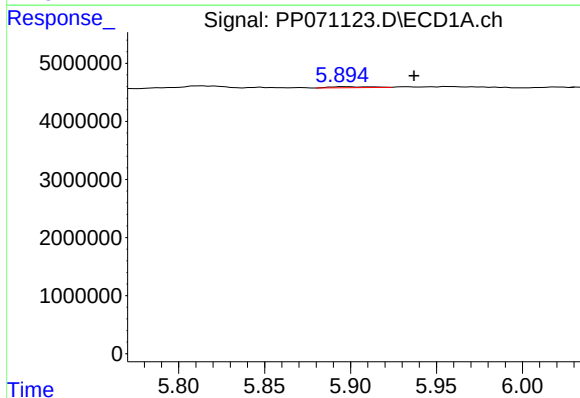
R.T.: 5.639 min  
Delta R.T.: -0.026 min  
Response: 1140080  
Conc: 31.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



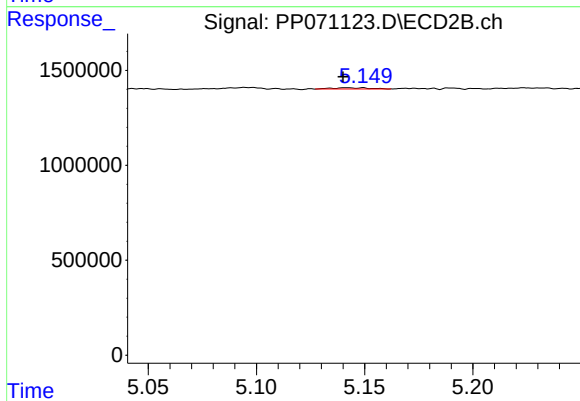
#21 AR-1248-1

R.T.: 4.918 min  
Delta R.T.: 0.015 min  
Response: 313517  
Conc: 11.58 ng/ml



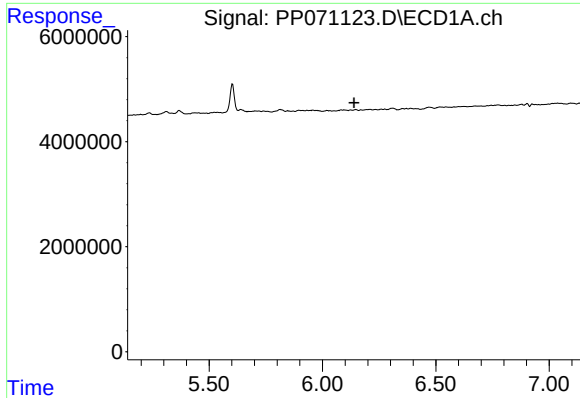
#22 AR-1248-2

R.T.: 5.895 min  
Delta R.T.: -0.042 min  
Response: 285378  
Conc: 6.35 ng/ml



#22 AR-1248-2

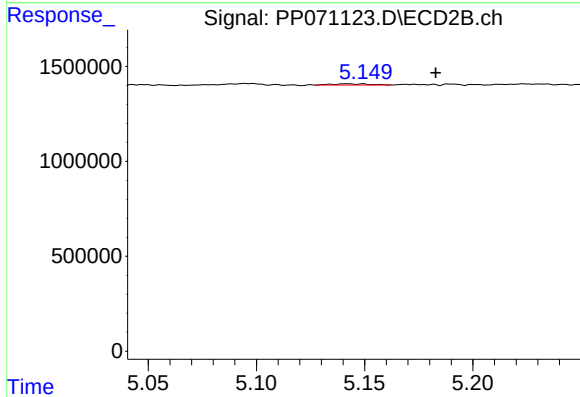
R.T.: 5.142 min  
Delta R.T.: 0.002 min  
Response: 75877  
Conc: 2.07 ng/ml



#23 AR-1248-3

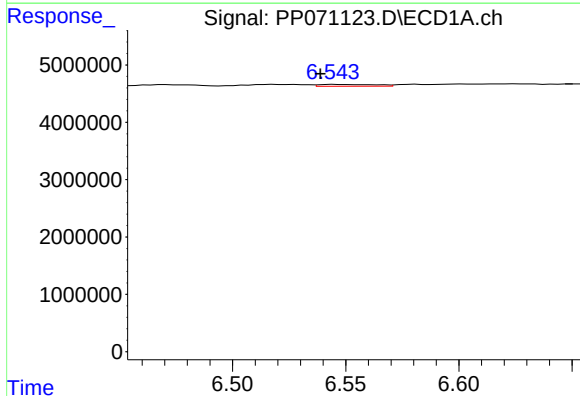
R.T.: 0.000 min  
Exp R.T.: 6.140 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



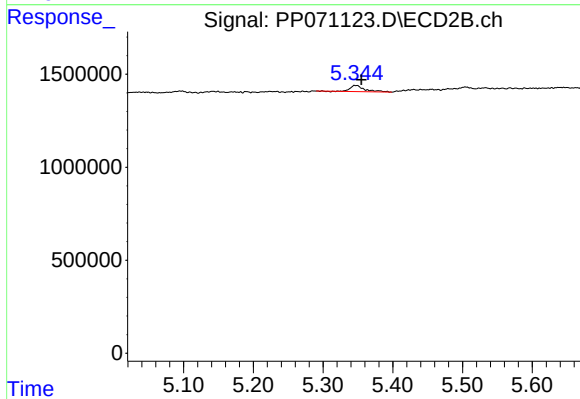
#23 AR-1248-3

R.T.: 5.142 min  
Delta R.T.: -0.041 min  
Response: 75877  
Conc: 1.96 ng/ml



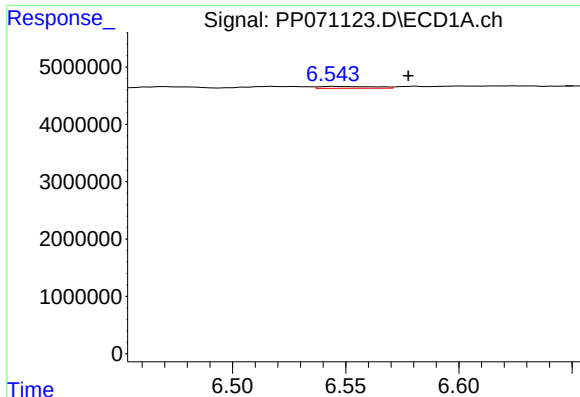
#24 AR-1248-4

R.T.: 6.545 min  
Delta R.T.: 0.006 min  
Response: 576973  
Conc: 8.99 ng/ml



#24 AR-1248-4

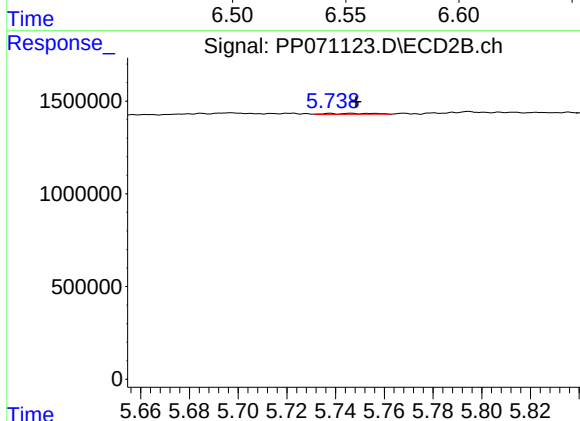
R.T.: 5.346 min  
Delta R.T.: -0.008 min  
Response: 476458  
Conc: 10.55 ng/ml



#25 AR-1248-5

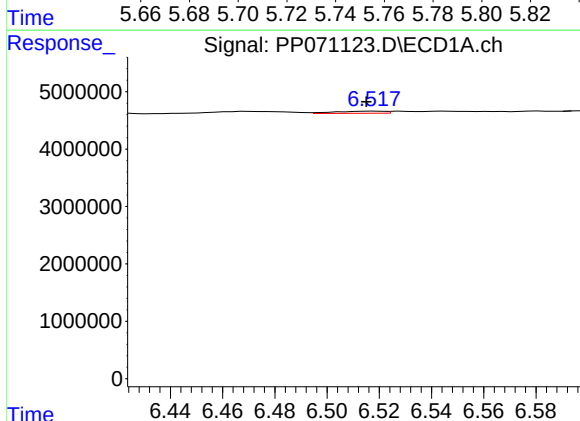
R.T.: 6.545 min  
Delta R.T.: -0.033 min  
Response: 576973  
Conc: 9.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



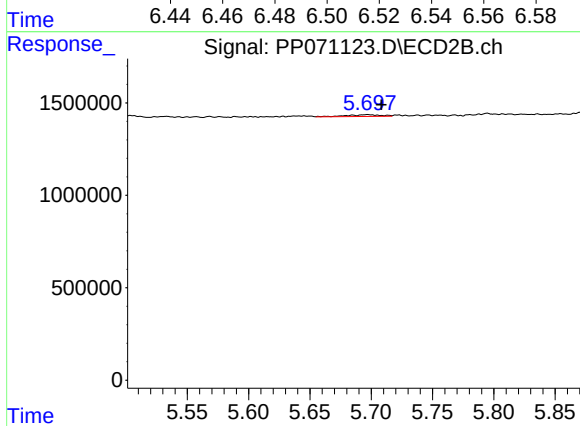
#25 AR-1248-5

R.T.: 5.738 min  
Delta R.T.: -0.011 min  
Response: 66676  
Conc: 1.56 ng/ml



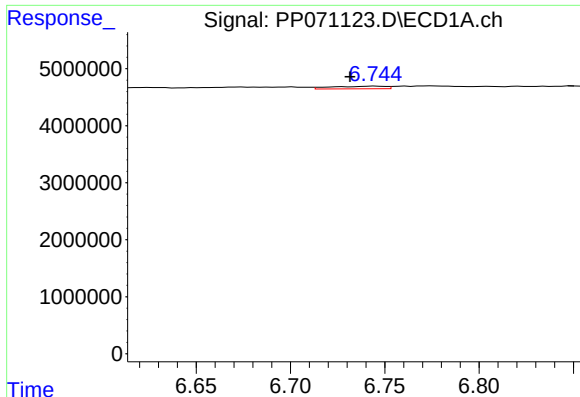
#26 AR-1254-1

R.T.: 6.518 min  
Delta R.T.: 0.003 min  
Response: 484478  
Conc: 7.52 ng/ml



#26 AR-1254-1

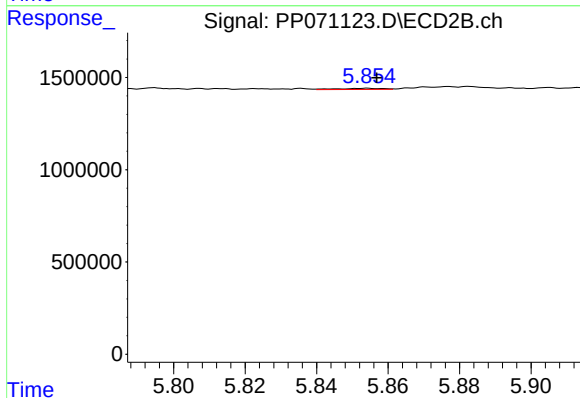
R.T.: 5.697 min  
Delta R.T.: -0.011 min  
Response: 190368  
Conc: 2.88 ng/ml



#27 AR-1254-2

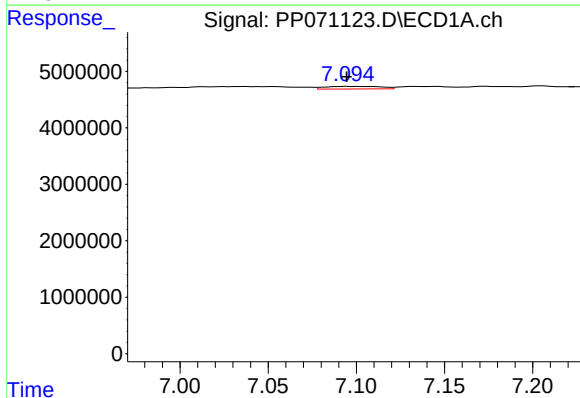
R.T.: 6.745 min  
Delta R.T.: 0.014 min  
Response: 902210  
Conc: 8.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



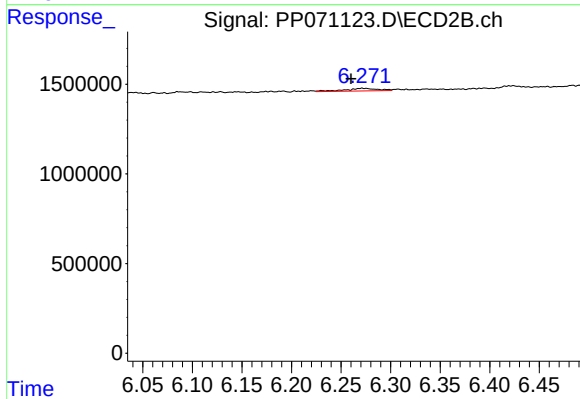
#27 AR-1254-2

R.T.: 5.854 min  
Delta R.T.: -0.003 min  
Response: 54290  
Conc: 0.95 ng/ml



#28 AR-1254-3

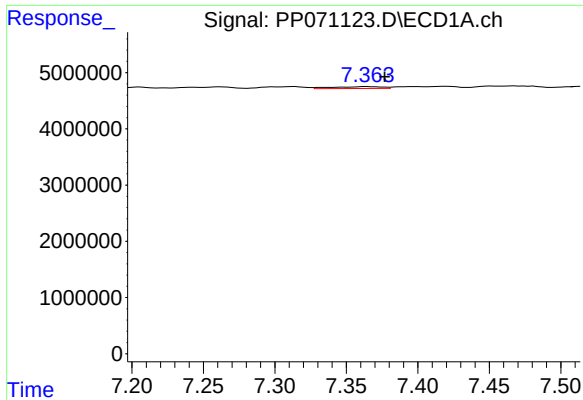
R.T.: 7.095 min  
Delta R.T.: 0.000 min  
Response: 1004919  
Conc: 10.08 ng/ml



#28 AR-1254-3

R.T.: 6.272 min  
Delta R.T.: 0.011 min  
Response: 347985  
Conc: 4.01 ng/ml

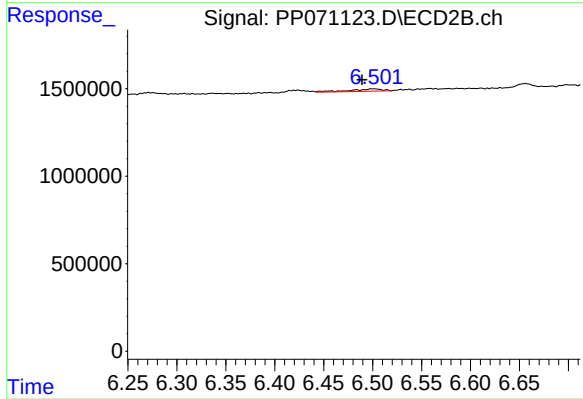




#29 AR-1254-4

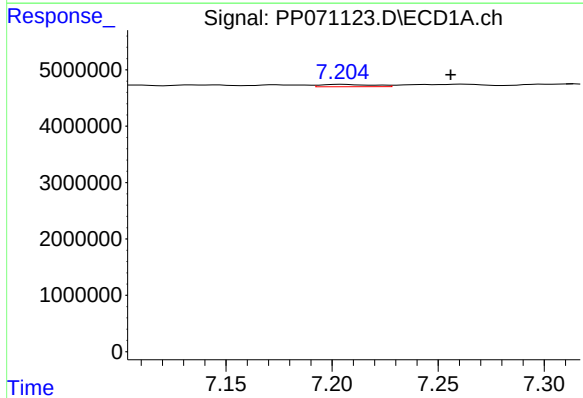
R.T.: 7.364 min  
Delta R.T.: -0.013 min  
Response: 827620  
Conc: 9.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



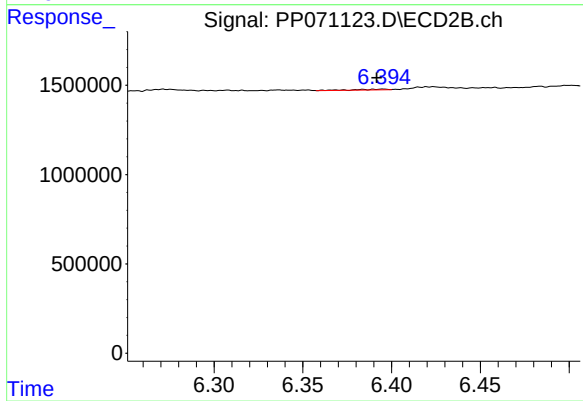
#29 AR-1254-4

R.T.: 6.501 min  
Delta R.T.: 0.012 min  
Response: 301167  
Conc: 5.37 ng/ml



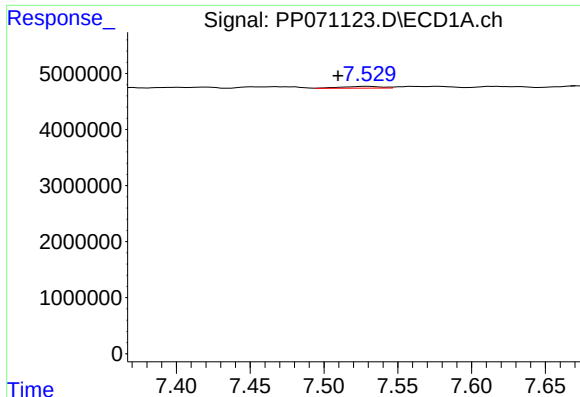
#31 AR-1260-1

R.T.: 7.205 min  
Delta R.T.: -0.051 min  
Response: 701223  
Conc: 10.44 ng/ml



#31 AR-1260-1

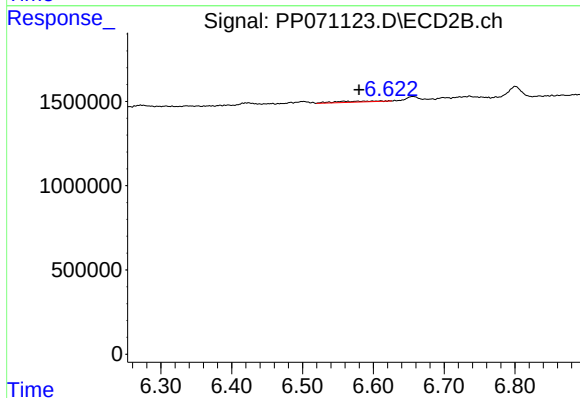
R.T.: 6.395 min  
Delta R.T.: 0.003 min  
Response: 52569  
Conc: 1.03 ng/ml



#32 AR-1260-2

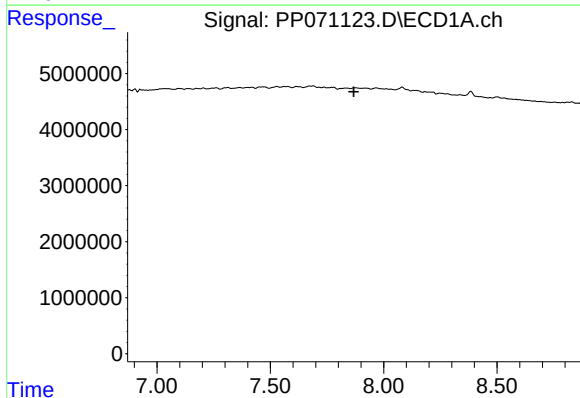
R.T.: 7.530 min  
Delta R.T.: 0.021 min  
Response: 644556  
Conc: 6.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



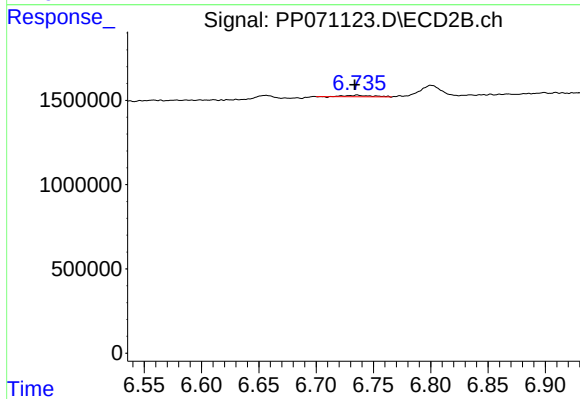
#32 AR-1260-2

R.T.: 6.611 min  
Delta R.T.: 0.031 min  
Response: 232529  
Conc: 3.65 ng/ml



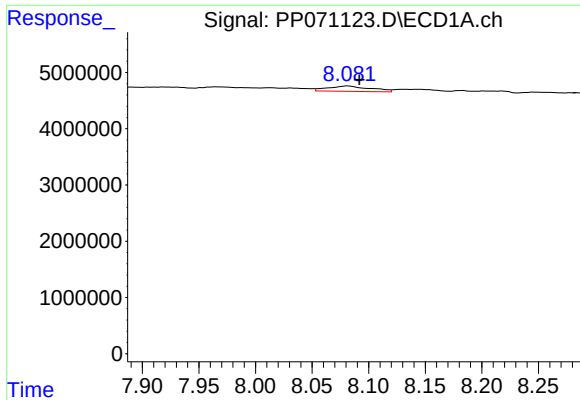
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.868 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

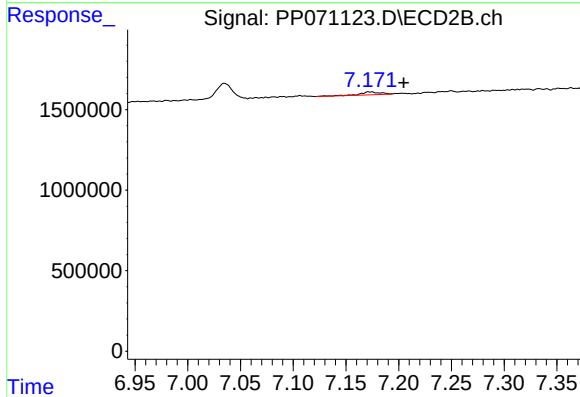
R.T.: 6.736 min  
Delta R.T.: 0.002 min  
Response: 148071  
Conc: 2.72 ng/ml



#34 AR-1260-4

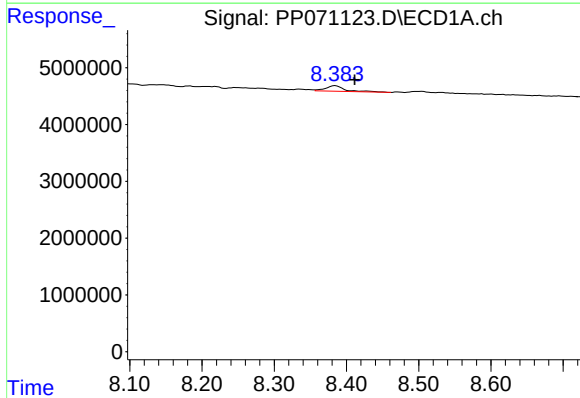
R.T.: 8.082 min  
Delta R.T.: -0.010 min  
Response: 2531804  
Conc: 32.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



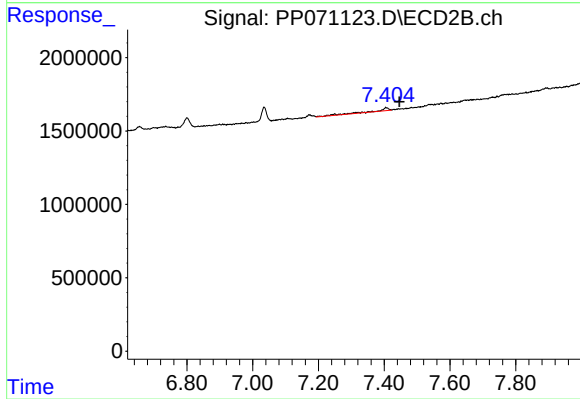
#34 AR-1260-4

R.T.: 7.173 min  
Delta R.T.: -0.032 min  
Response: 249800  
Conc: 5.22 ng/ml



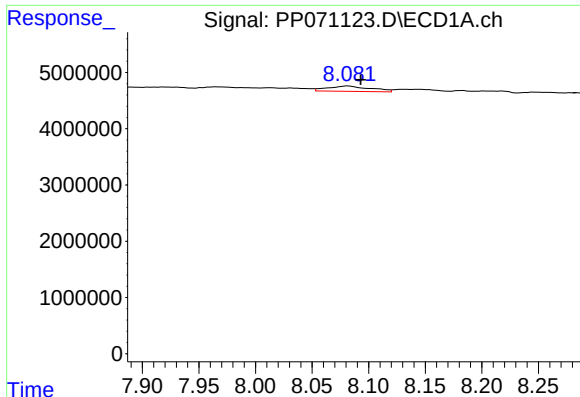
#35 AR-1260-5

R.T.: 8.385 min  
Delta R.T.: -0.027 min  
Response: 1874360  
Conc: 11.80 ng/ml



#35 AR-1260-5

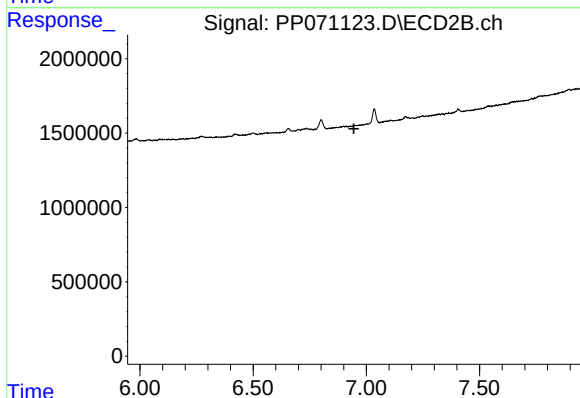
R.T.: 7.406 min  
Delta R.T.: -0.040 min  
Response: 551721  
Conc: 4.43 ng/ml



#36 AR-1262-1

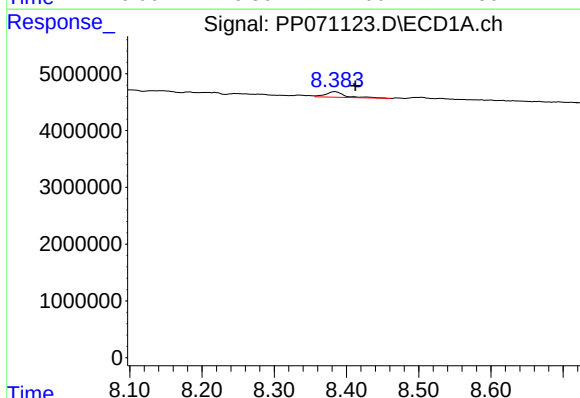
R.T.: 8.082 min  
Delta R.T.: -0.011 min  
Response: 2531804  
Conc: 23.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
OU4-PCS-TC-22-040325



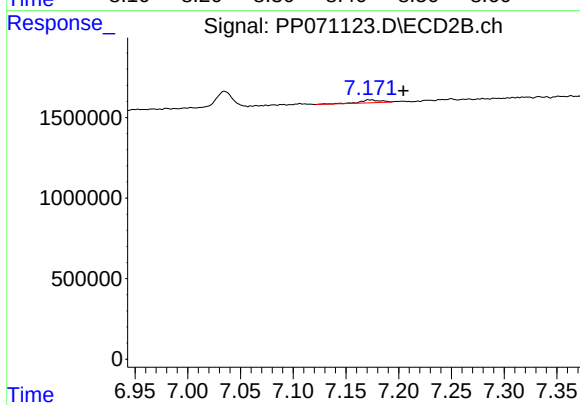
#36 AR-1262-1

R.T.: 6.899 min  
Delta R.T.: -0.046 min  
Response: -1410540  
Conc: N.D.



#37 AR-1262-2

R.T.: 8.385 min  
Delta R.T.: -0.028 min  
Response: 1874360  
Conc: 9.45 ng/ml



#37 AR-1262-2

R.T.: 7.173 min  
Delta R.T.: -0.031 min  
Response: 249800  
Conc: 3.65 ng/ml