

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101922\  
 Data File : PP052489.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Oct 2022 18:56  
 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: Oct 19 22:31:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101122.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 12 05:20:17 2022  
 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... | 4.420  | 3.670  | 33044359 | 24788382 | 21.022 | 21.637   |
| 2)                          | SA Decachlor... | 10.239 | 8.765  | 30480657 | 23869315 | 21.963 | 21.362   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.610  | 4.779  | 331845   | 373045   | 7.297  | 8.388    |
| 4)                          | L1 AR-1016-2    | 5.610  | 4.779f | 331845   | 373045   | 5.041  | 5.863    |
| 5)                          | L1 AR-1016-3    | 5.666f | 0.000  | 370276   | 0        | 8.898  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.773  | 5.020  | 33645    | 188945   | 0.926  | 6.932 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.229  | 0        | 1086659  | N.D.   | 30.715 # |
| 8)                          | L2 AR-1221-1    | 4.628  | 0.000  | 104010   | 0        | 5.033  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.728  | 3.975  | 611767   | 404693   | 39.976 | 33.745   |
| 10)                         | L2 AR-1221-3    | 4.799  | 0.000  | 67576    | 0        | 1.443  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.799  | 0.000  | 67576    | 0        | 1.876  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.324  | 4.779f | 71536    | 373045   | 3.526  | 12.454 # |
| 13)                         | L3 AR-1232-3    | 5.610  | 0.000  | 331845   | 0        | 11.019 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.773  | 0.000  | 33645    | 0        | 2.017  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.875  | 5.229  | 126172   | 1086659  | 8.413  | 68.644 # |
| 16)                         | L4 AR-1242-1    | 5.610  | 4.779  | 331845   | 373045   | 9.540  | 10.714   |
| 17)                         | L4 AR-1242-2    | 5.610  | 4.779f | 331845   | 373045   | 6.703  | 7.562    |
| 18)                         | L4 AR-1242-3    | 5.666f | 0.000  | 370276   | 0        | 11.678 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.773  | 0.000  | 33645    | 0        | 1.232  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.519  | 5.613f | 979214   | 473024   | 26.339 | 14.036 # |
| 21)                         | L5 AR-1248-1    | 5.610  | 4.779  | 331845   | 373045   | 12.344 | 13.760   |
| 22)                         | L5 AR-1248-2    | 5.875  | 5.020  | 126172   | 188945   | 2.714  | 5.079 #  |
| 24)                         | L5 AR-1248-4    | 6.456f | 5.229  | 2998296  | 1086659  | 47.223 | 23.452 # |
| 25)                         | L5 AR-1248-5    | 6.519  | 5.613f | 979214   | 473024   | 15.810 | 11.248 # |
| 26)                         | L6 AR-1254-1    | 6.456  | 5.613f | 2998296  | 473024   | 42.117 | 6.761 #  |
| 27)                         | L6 AR-1254-2    | 6.677  | 0.000  | 2907489  | 0        | 27.262 | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.045  | 0.000  | 2127975  | 0        | 20.247 | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.221  | 0.000  | 1551843  | 0        | 18.723 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.468  | 6.455f | 989946   | 1149001  | 10.488 | 13.882 # |
| 33)                         | L7 AR-1260-3    | 7.842  | 0.000  | 2532446  | 0        | 42.166 | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.382  | 7.346  | 268515   | 149373   | 1.959  | 1.133 #  |
| 36)                         | L8 AR-1262-1    | 7.842f | 0.000  | 2532446  | 0        | 26.117 | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.382  | 0.000  | 268515   | 0        | 1.668  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.793  | 0.000  | 21226    | 0        | 0.415  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 9.465  | 8.184  | 1194014  | 479403   | 18.968 | 9.432 #  |
| 42)                         | L9 AR-1268-2    | 8.793  | 0.000  | 21226    | 0        | 0.116  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.028  | 0.000  | 305468   | 0        | 1.874  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.465  | 8.184  | 1194014  | 479403   | 16.365 | 8.483 #  |
| 45)                         | L9 AR-1268-5    | 9.890  | 0.000  | 290224   | 0        | 0.557  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101922\  
Data File : PP052489.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Oct 2022 18:56  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

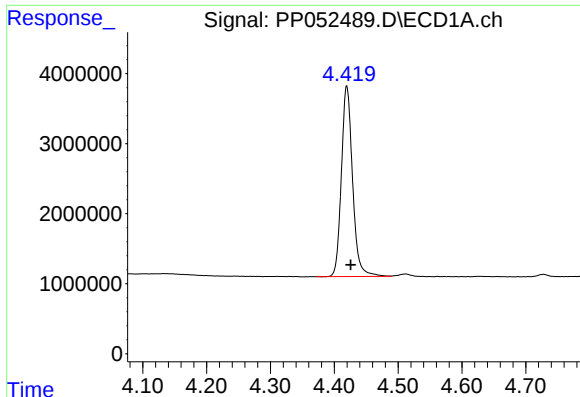
Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 22:31:36 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101122.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 12 05:20:17 2022  
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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

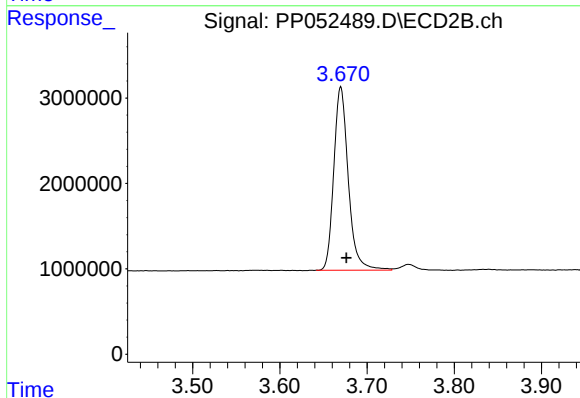




#1 Tetrachloro-m-xylene

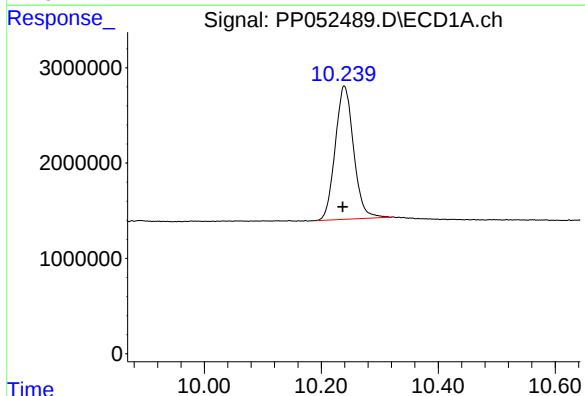
R.T.: 4.420 min  
Delta R.T.: -0.006 min  
Response: 33044359  
Conc: 21.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



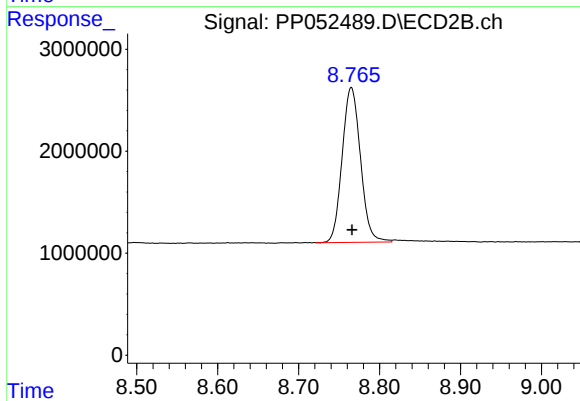
#1 Tetrachloro-m-xylene

R.T.: 3.670 min  
Delta R.T.: -0.007 min  
Response: 24788382  
Conc: 21.64 ng/ml



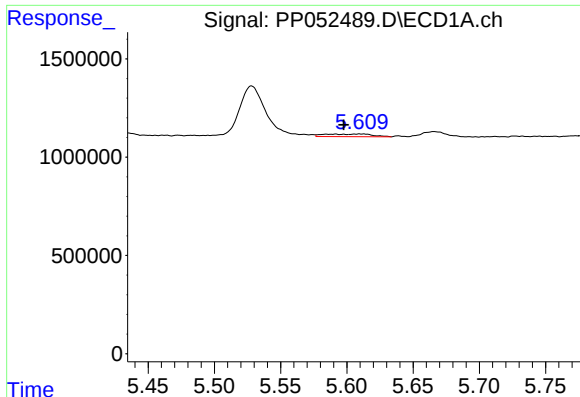
#2 Decachlorobiphenyl

R.T.: 10.239 min  
Delta R.T.: 0.003 min  
Response: 30480657  
Conc: 21.96 ng/ml



#2 Decachlorobiphenyl

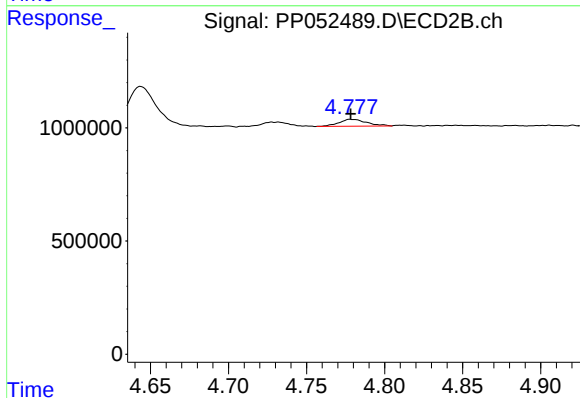
R.T.: 8.765 min  
Delta R.T.: 0.000 min  
Response: 23869315  
Conc: 21.36 ng/ml



#3 AR-1016-1

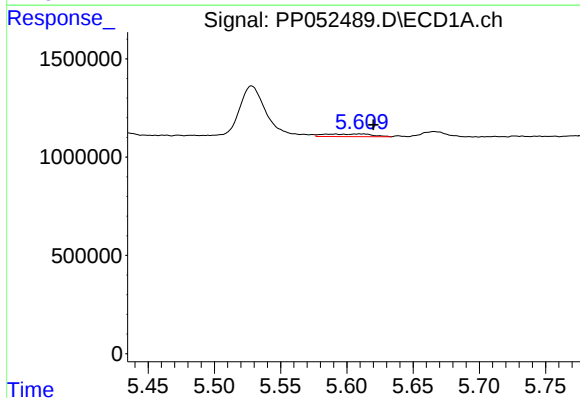
R.T.: 5.610 min  
Delta R.T.: 0.013 min  
Response: 331845  
Conc: 7.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



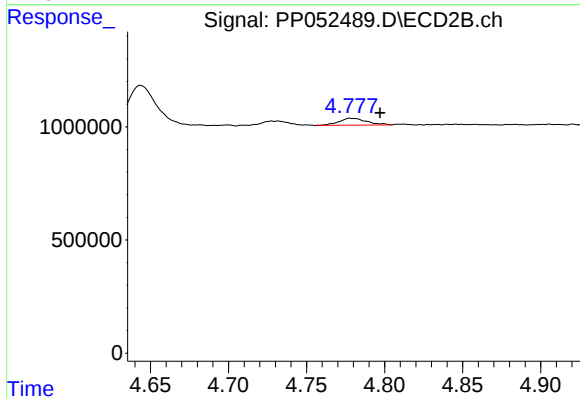
#3 AR-1016-1

R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 373045  
Conc: 8.39 ng/ml



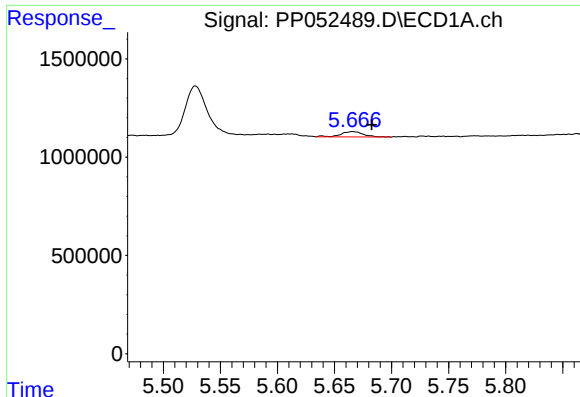
#4 AR-1016-2

R.T.: 5.610 min  
Delta R.T.: -0.010 min  
Response: 331845  
Conc: 5.04 ng/ml



#4 AR-1016-2

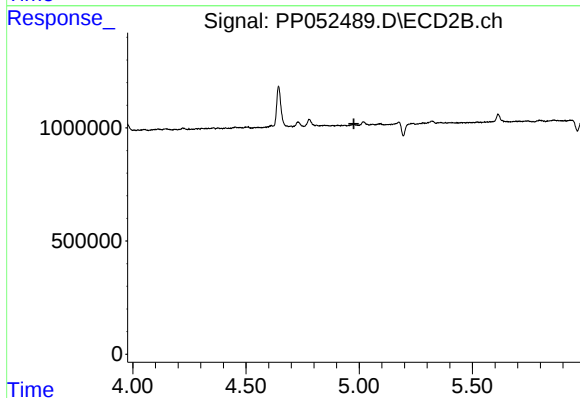
R.T.: 4.779 min  
Delta R.T.: -0.018 min  
Response: 373045  
Conc: 5.86 ng/ml



#5 AR-1016-3

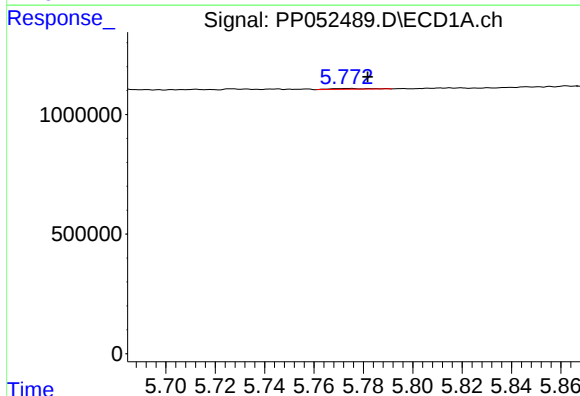
R.T.: 5.666 min  
Delta R.T.: -0.017 min  
Response: 370276  
Conc: 8.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



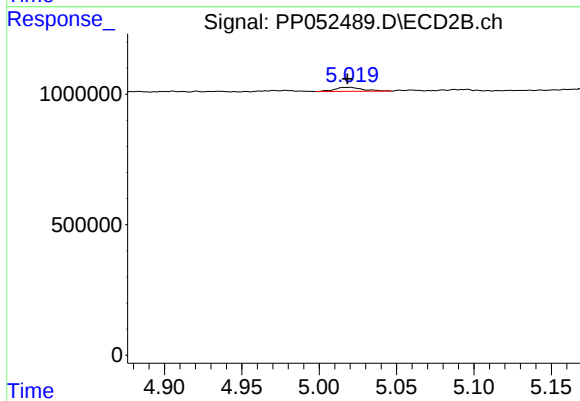
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.976 min  
Response: 0  
Conc: N.D.



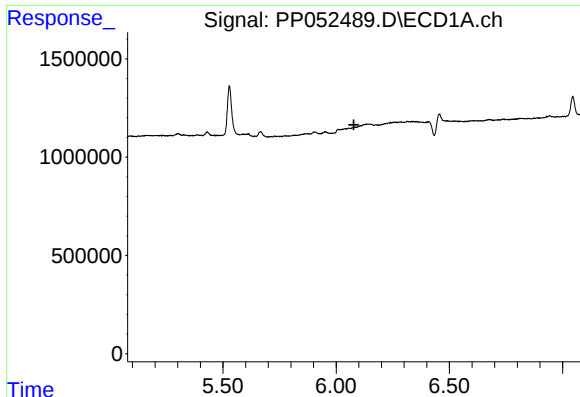
#6 AR-1016-4

R.T.: 5.773 min  
Delta R.T.: -0.008 min  
Response: 33645  
Conc: 0.93 ng/ml



#6 AR-1016-4

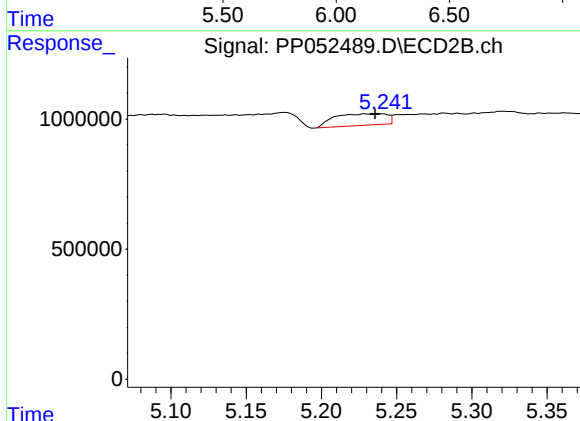
R.T.: 5.020 min  
Delta R.T.: 0.001 min  
Response: 188945  
Conc: 6.93 ng/ml



#7 AR-1016-5

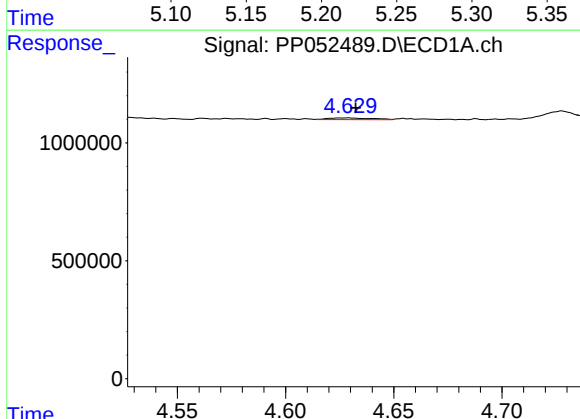
R.T.: 0.000 min  
Exp R.T.: 6.079 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



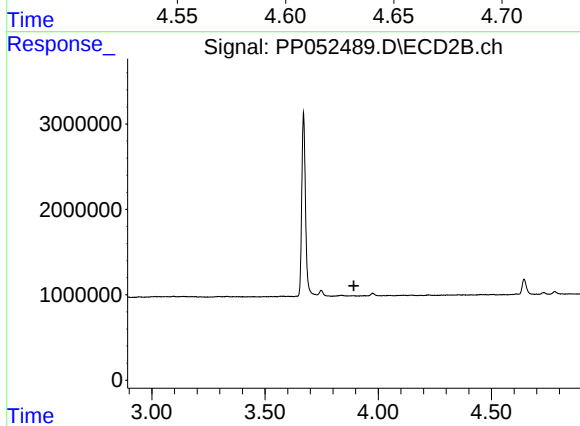
#7 AR-1016-5

R.T.: 5.229 min  
Delta R.T.: -0.007 min  
Response: 1086659  
Conc: 30.71 ng/ml



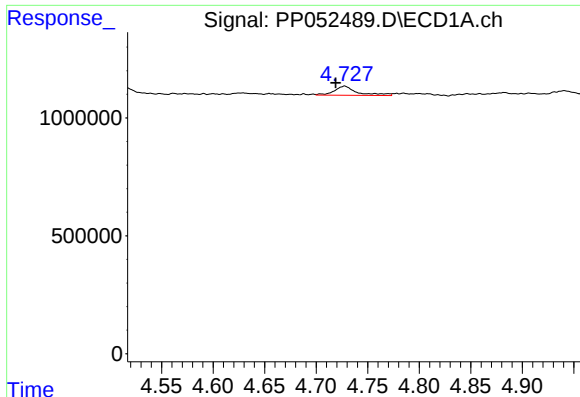
#8 AR-1221-1

R.T.: 4.628 min  
Delta R.T.: -0.004 min  
Response: 104010  
Conc: 5.03 ng/ml



#8 AR-1221-1

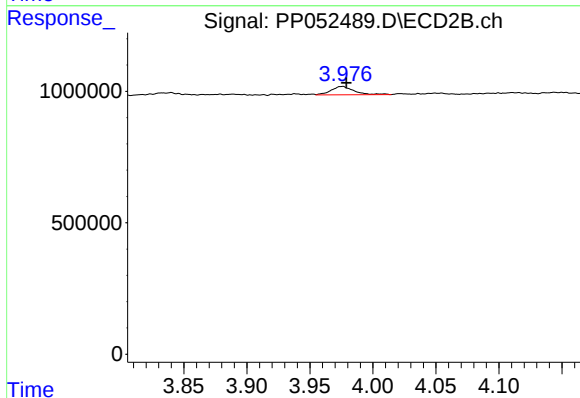
R.T.: 0.000 min  
Exp R.T.: 3.892 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

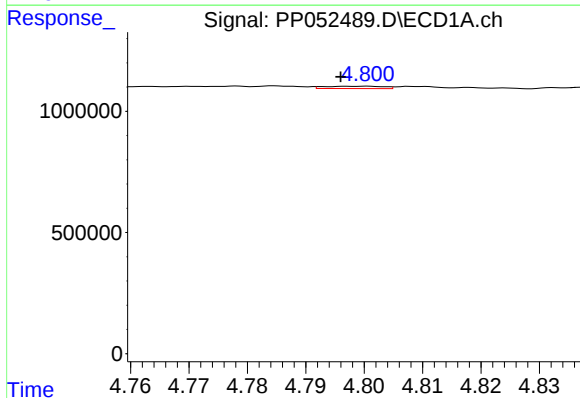
R.T.: 4.728 min  
Delta R.T.: 0.009 min  
Response: 611767  
Conc: 39.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



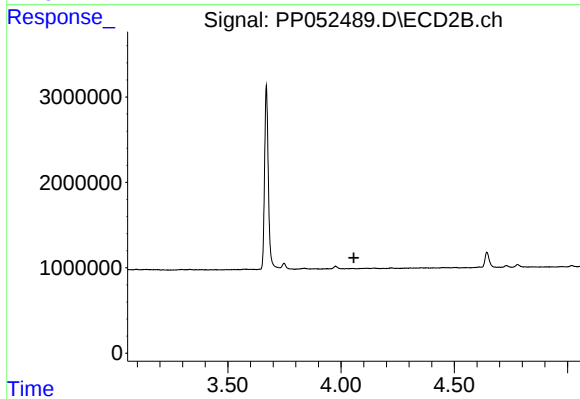
#9 AR-1221-2

R.T.: 3.975 min  
Delta R.T.: -0.004 min  
Response: 404693  
Conc: 33.74 ng/ml



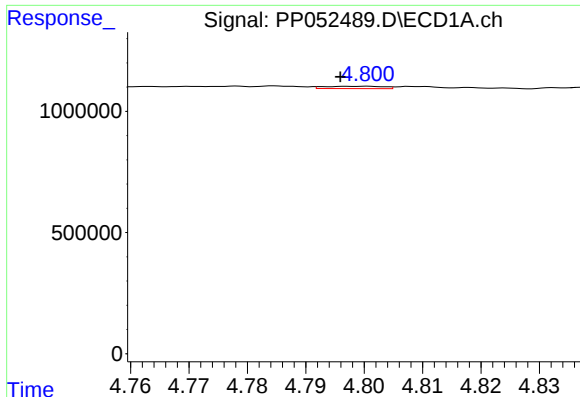
#10 AR-1221-3

R.T.: 4.799 min  
Delta R.T.: 0.003 min  
Response: 67576  
Conc: 1.44 ng/ml



#10 AR-1221-3

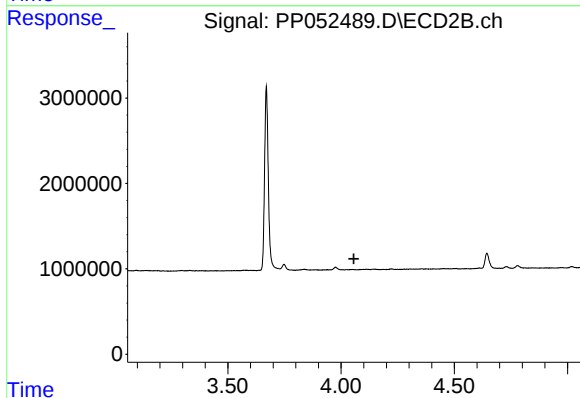
R.T.: 0.000 min  
Exp R.T. : 4.056 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

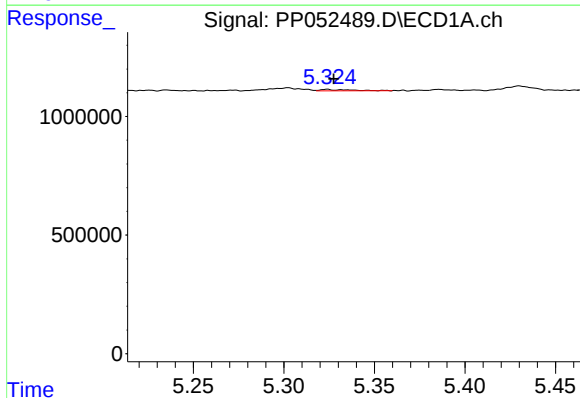
R.T.: 4.799 min  
Delta R.T.: 0.003 min  
Response: 67576  
Conc: 1.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



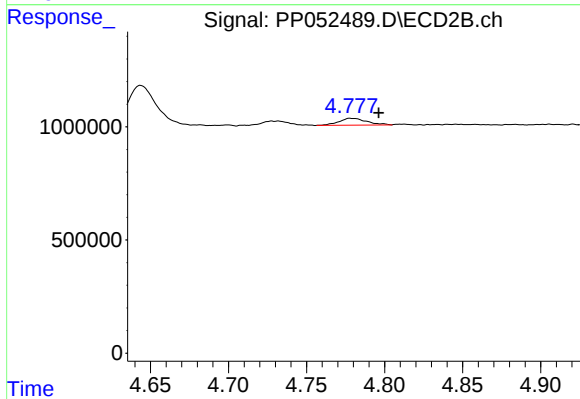
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.056 min  
Response: 0  
Conc: N.D.



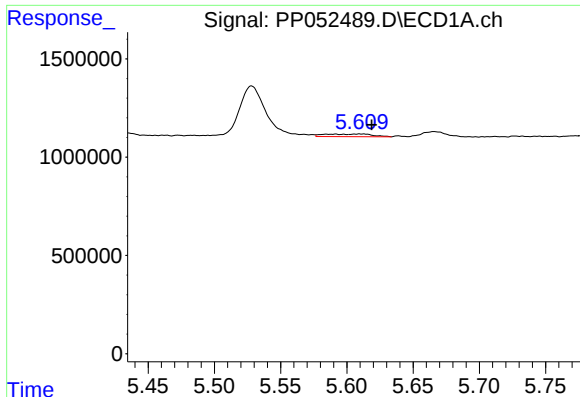
#12 AR-1232-2

R.T.: 5.324 min  
Delta R.T.: -0.004 min  
Response: 71536  
Conc: 3.53 ng/ml



#12 AR-1232-2

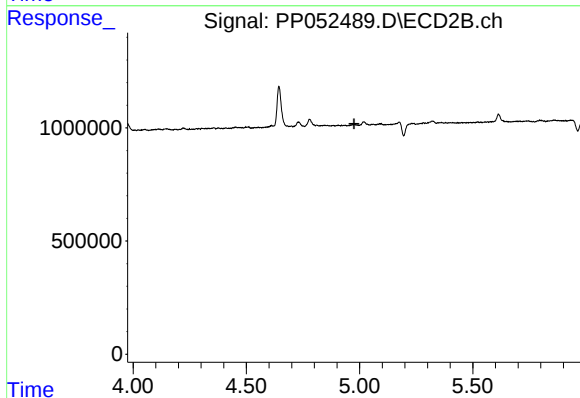
R.T.: 4.779 min  
Delta R.T.: -0.017 min  
Response: 373045  
Conc: 12.45 ng/ml



#13 AR-1232-3

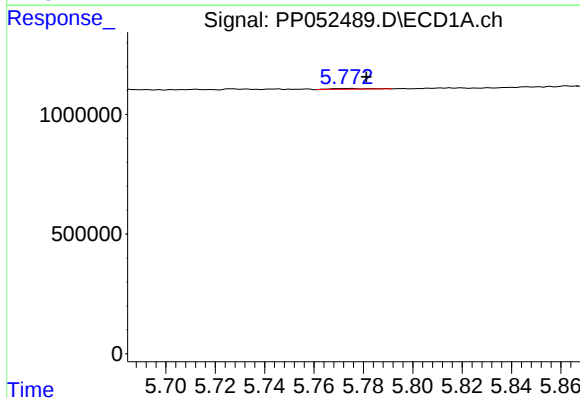
R.T.: 5.610 min  
Delta R.T.: -0.008 min  
Response: 331845  
Conc: 11.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



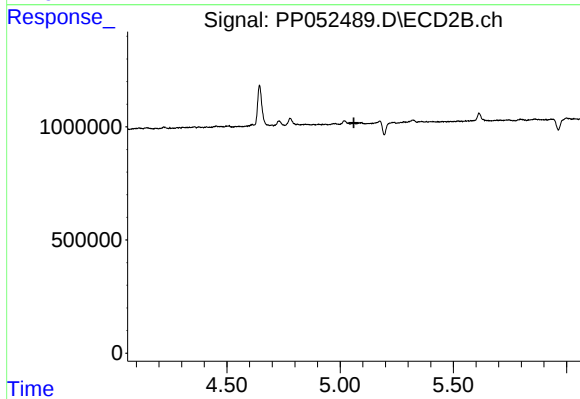
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.975 min  
Response: 0  
Conc: N.D.



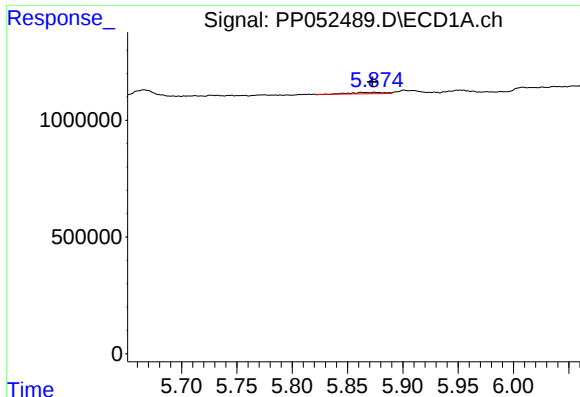
#14 AR-1232-4

R.T.: 5.773 min  
Delta R.T.: -0.008 min  
Response: 33645  
Conc: 2.02 ng/ml



#14 AR-1232-4

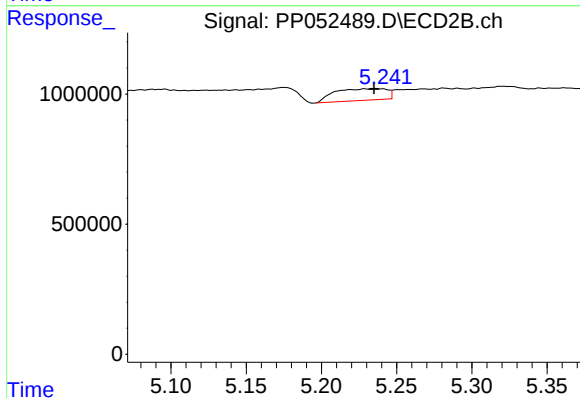
R.T.: 0.000 min  
Exp R.T. : 5.060 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

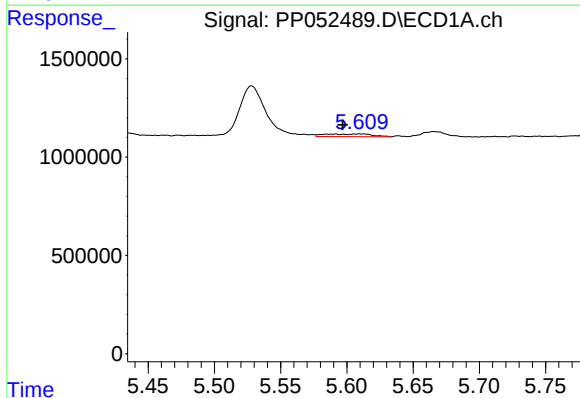
R.T.: 5.875 min  
Delta R.T.: 0.002 min  
Response: 126172  
Conc: 8.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



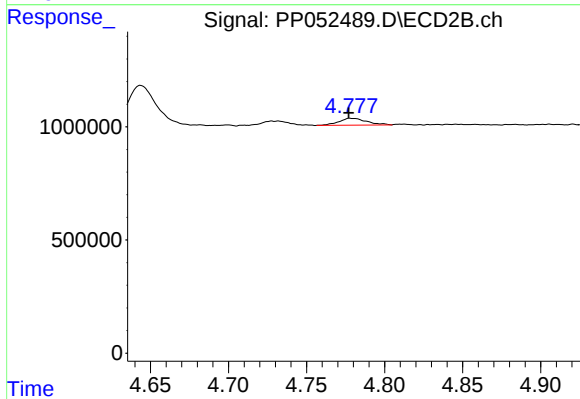
#15 AR-1232-5

R.T.: 5.229 min  
Delta R.T.: -0.006 min  
Response: 1086659  
Conc: 68.64 ng/ml



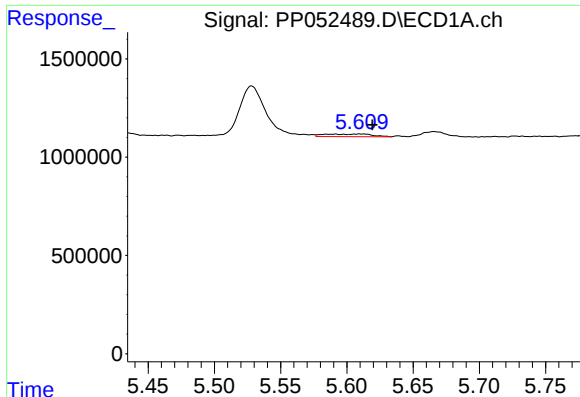
#16 AR-1242-1

R.T.: 5.610 min  
Delta R.T.: 0.014 min  
Response: 331845  
Conc: 9.54 ng/ml



#16 AR-1242-1

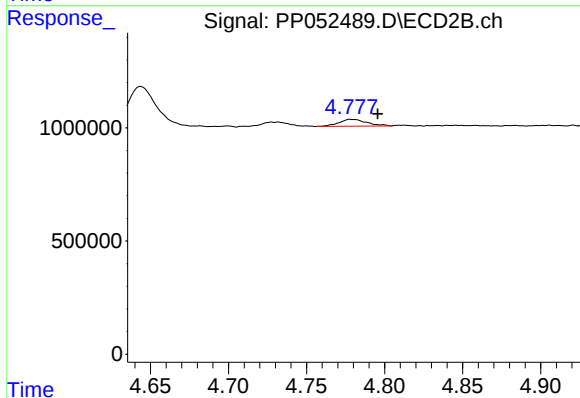
R.T.: 4.779 min  
Delta R.T.: 0.002 min  
Response: 373045  
Conc: 10.71 ng/ml



#17 AR-1242-2

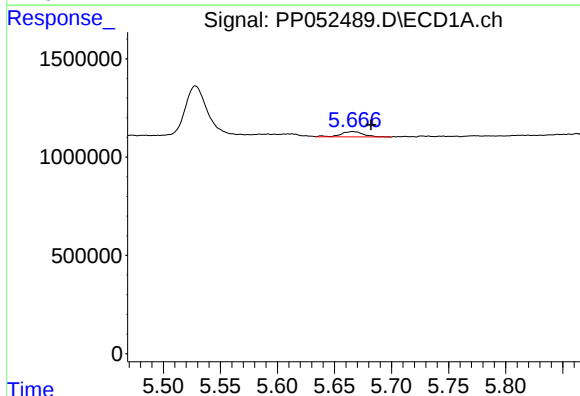
R.T.: 5.610 min  
Delta R.T.: -0.009 min  
Response: 331845  
Conc: 6.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



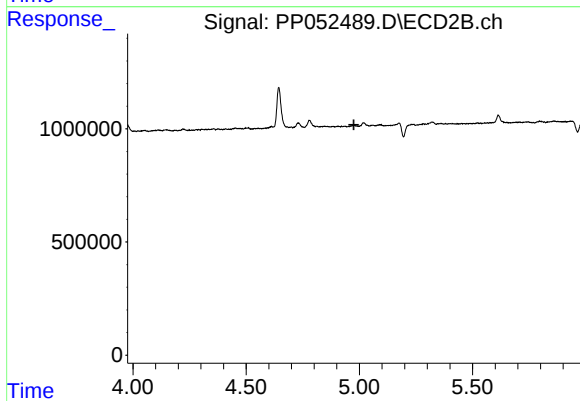
#17 AR-1242-2

R.T.: 4.779 min  
Delta R.T.: -0.017 min  
Response: 373045  
Conc: 7.56 ng/ml



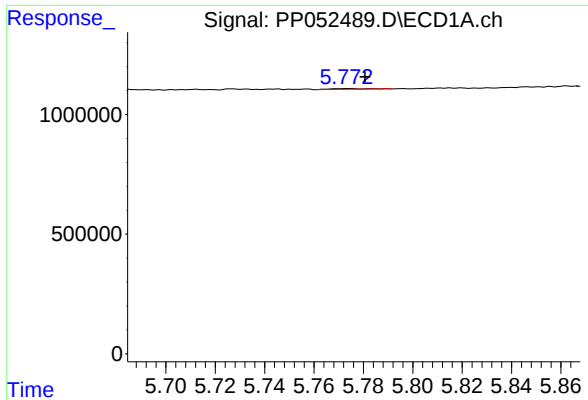
#18 AR-1242-3

R.T.: 5.666 min  
Delta R.T.: -0.016 min  
Response: 370276  
Conc: 11.68 ng/ml



#18 AR-1242-3

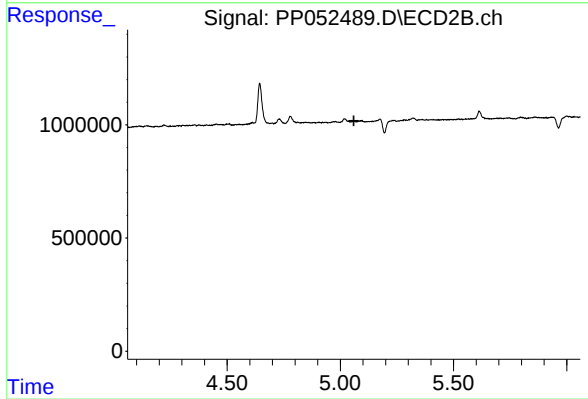
R.T.: 0.000 min  
Exp R.T.: 4.975 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

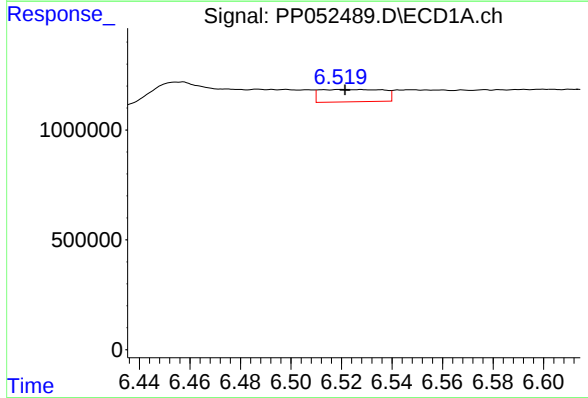
R.T.: 5.773 min  
Delta R.T.: -0.007 min  
Response: 33645  
Conc: 1.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



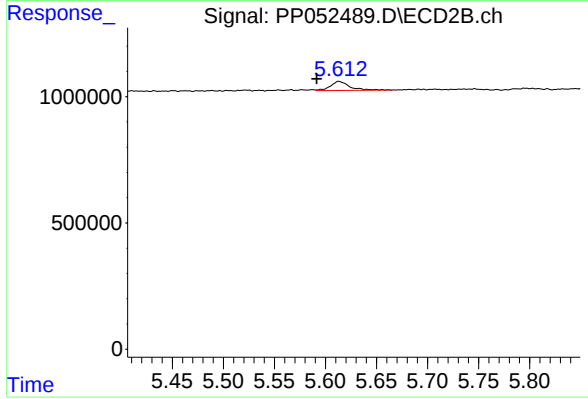
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.060 min  
Response: 0  
Conc: N.D.



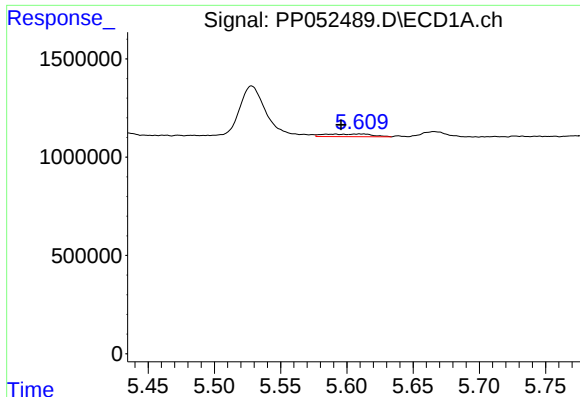
#20 AR-1242-5

R.T.: 6.519 min  
Delta R.T.: -0.002 min  
Response: 979214  
Conc: 26.34 ng/ml



#20 AR-1242-5

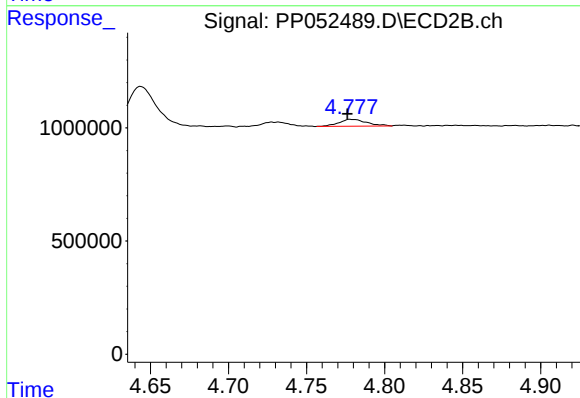
R.T.: 5.613 min  
Delta R.T.: 0.022 min  
Response: 473024  
Conc: 14.04 ng/ml



#21 AR-1248-1

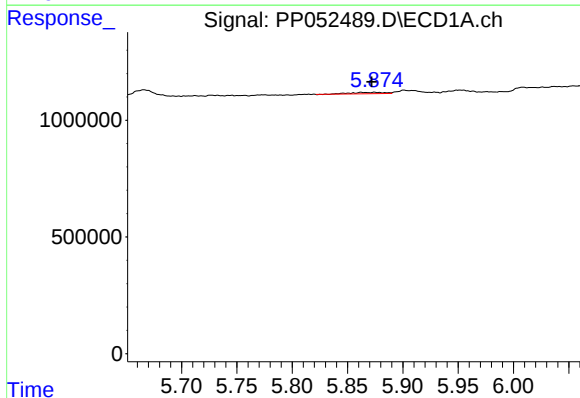
R.T.: 5.610 min  
Delta R.T.: 0.015 min  
Response: 331845  
Conc: 12.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



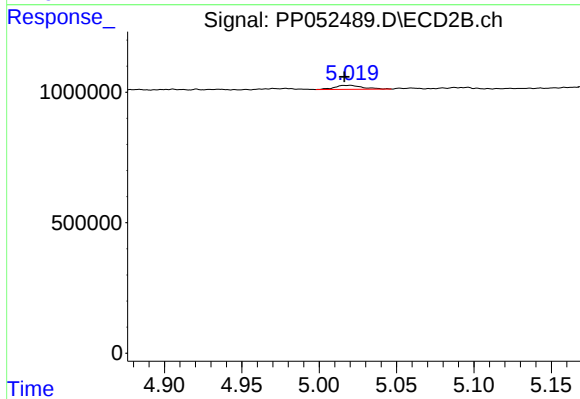
#21 AR-1248-1

R.T.: 4.779 min  
Delta R.T.: 0.002 min  
Response: 373045  
Conc: 13.76 ng/ml



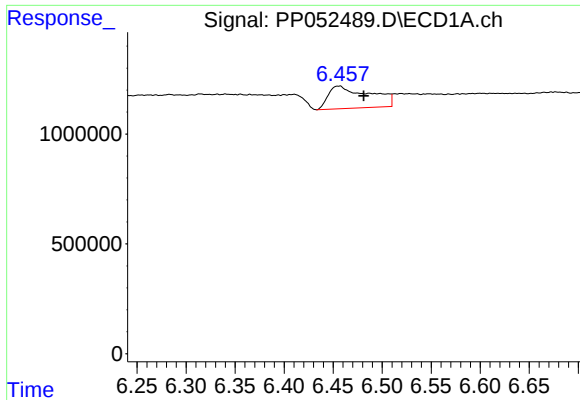
#22 AR-1248-2

R.T.: 5.875 min  
Delta R.T.: 0.003 min  
Response: 126172  
Conc: 2.71 ng/ml



#22 AR-1248-2

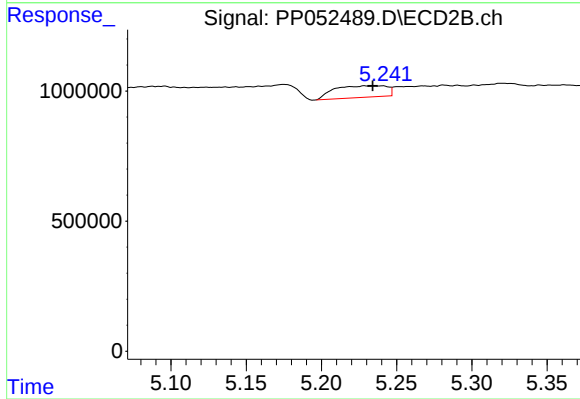
R.T.: 5.020 min  
Delta R.T.: 0.003 min  
Response: 188945  
Conc: 5.08 ng/ml



#24 AR-1248-4

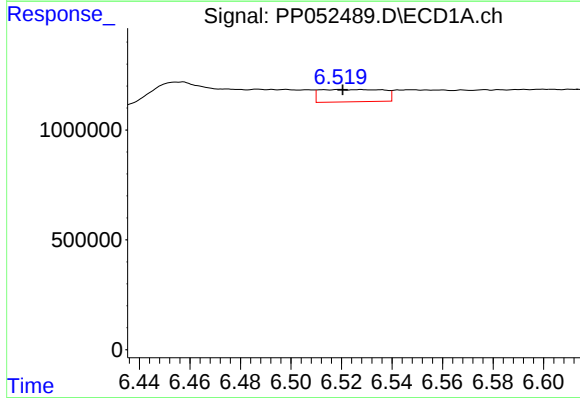
R.T.: 6.456 min  
Delta R.T.: -0.026 min  
Response: 2998296  
Conc: 47.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



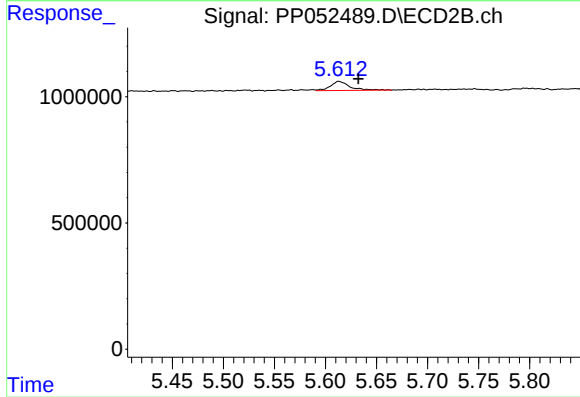
#24 AR-1248-4

R.T.: 5.229 min  
Delta R.T.: -0.005 min  
Response: 1086659  
Conc: 23.45 ng/ml



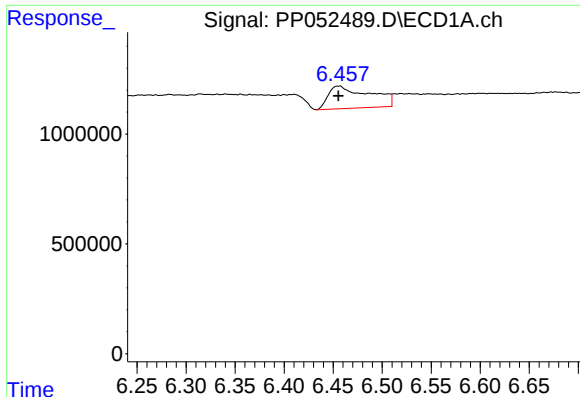
#25 AR-1248-5

R.T.: 6.519 min  
Delta R.T.: -0.001 min  
Response: 979214  
Conc: 15.81 ng/ml



#25 AR-1248-5

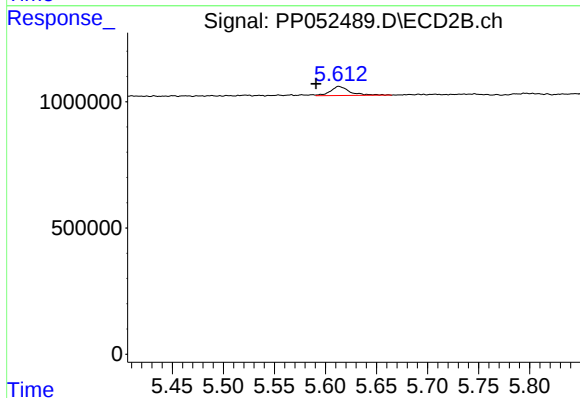
R.T.: 5.613 min  
Delta R.T.: -0.019 min  
Response: 473024  
Conc: 11.25 ng/ml



#26 AR-1254-1

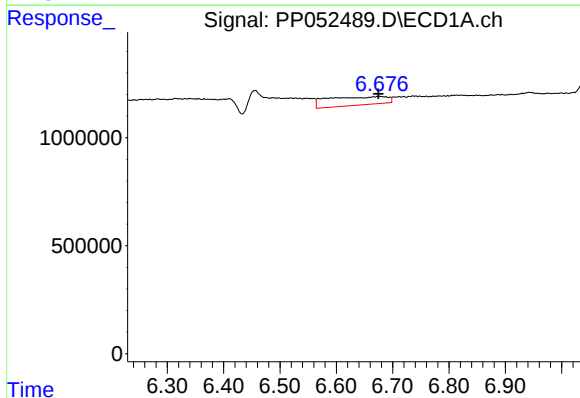
R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 2998296  
Conc: 42.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



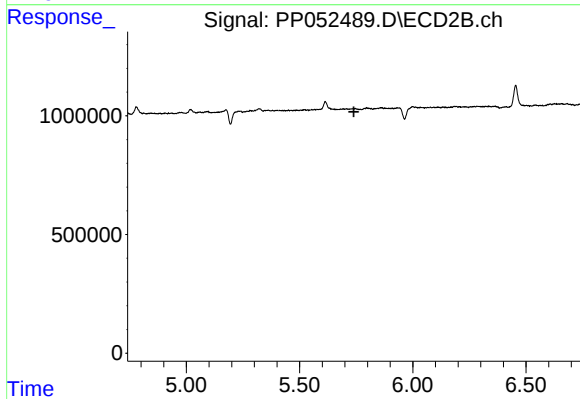
#26 AR-1254-1

R.T.: 5.613 min  
Delta R.T.: 0.022 min  
Response: 473024  
Conc: 6.76 ng/ml



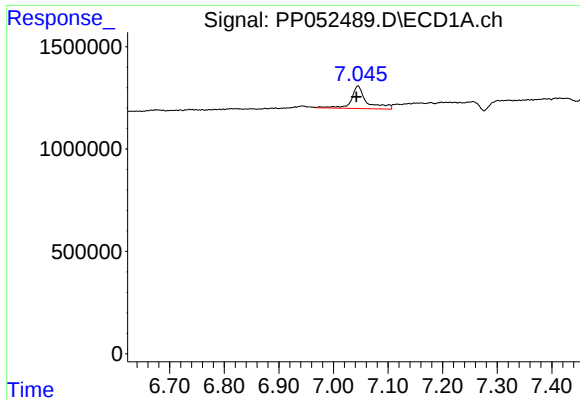
#27 AR-1254-2

R.T.: 6.677 min  
Delta R.T.: 0.002 min  
Response: 2907489  
Conc: 27.26 ng/ml



#27 AR-1254-2

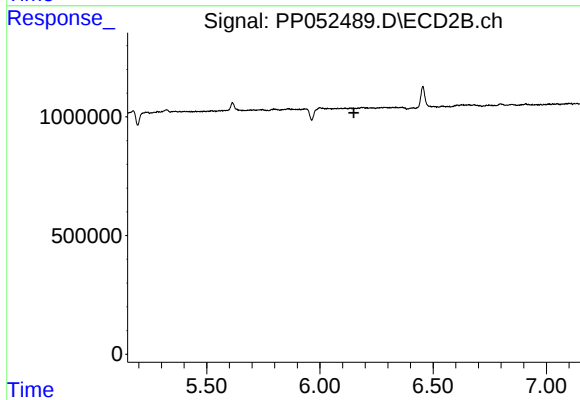
R.T.: 0.000 min  
Exp R.T.: 5.740 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

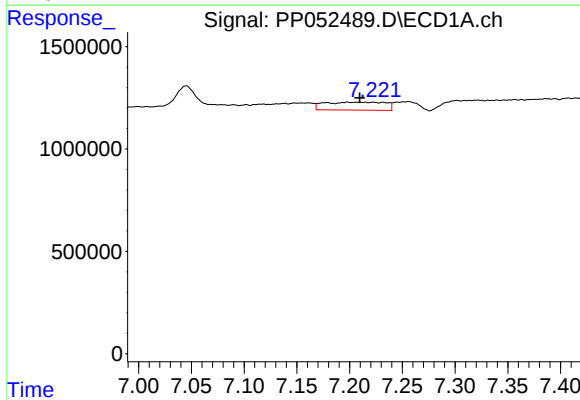
R.T.: 7.045 min  
Delta R.T.: 0.003 min  
Response: 2127975  
Conc: 20.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



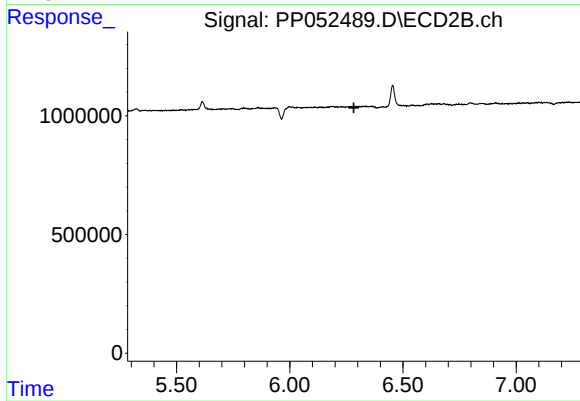
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.150 min  
Response: 0  
Conc: N.D.



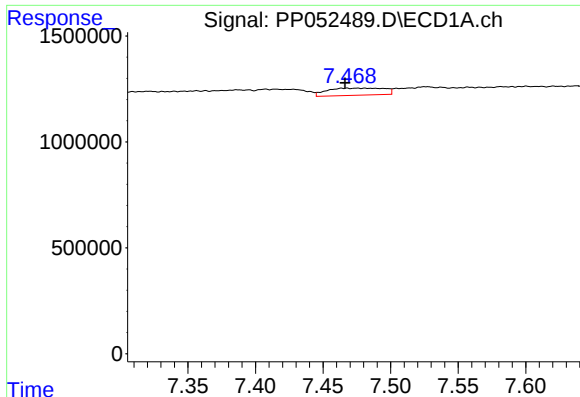
#31 AR-1260-1

R.T.: 7.221 min  
Delta R.T.: 0.011 min  
Response: 1551843  
Conc: 18.72 ng/ml



#31 AR-1260-1

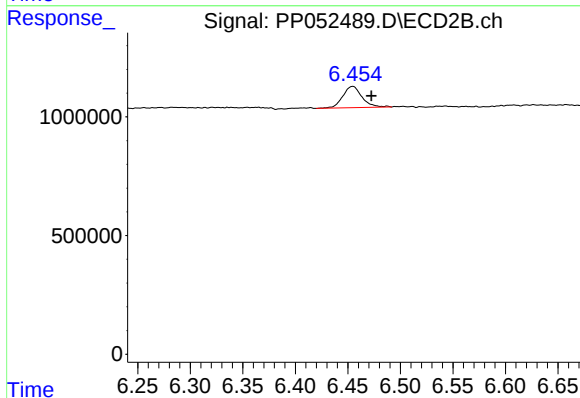
R.T.: 0.000 min  
Exp R.T. : 6.283 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

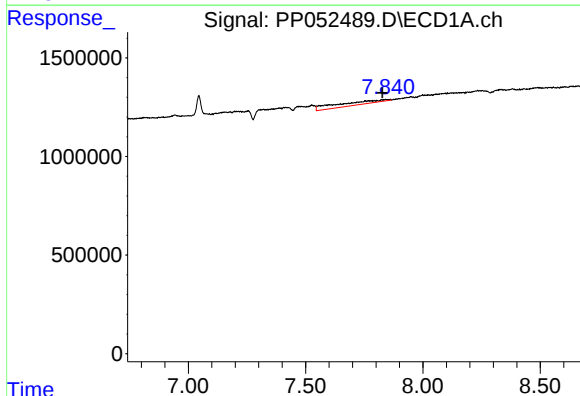
R.T.: 7.468 min  
Delta R.T.: 0.002 min  
Response: 989946  
Conc: 10.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



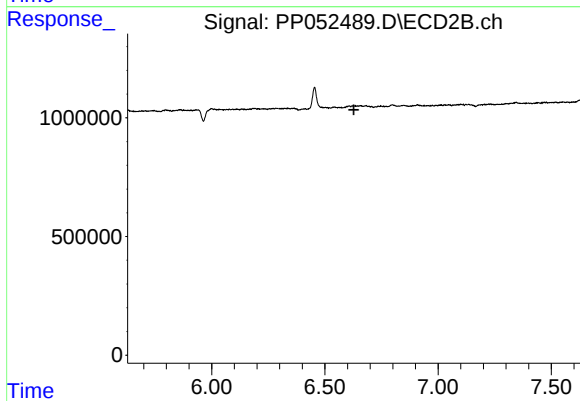
#32 AR-1260-2

R.T.: 6.455 min  
Delta R.T.: -0.018 min  
Response: 1149001  
Conc: 13.88 ng/ml



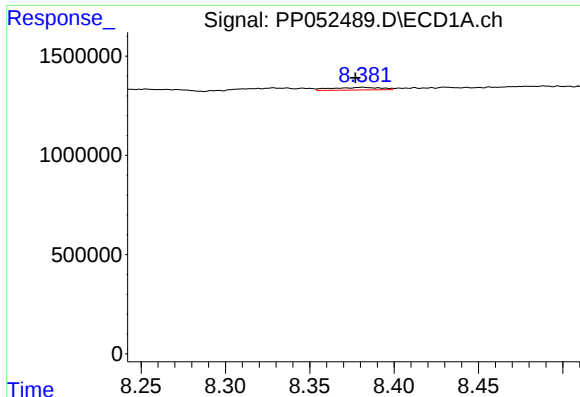
#33 AR-1260-3

R.T.: 7.842 min  
Delta R.T.: 0.015 min  
Response: 2532446  
Conc: 42.17 ng/ml



#33 AR-1260-3

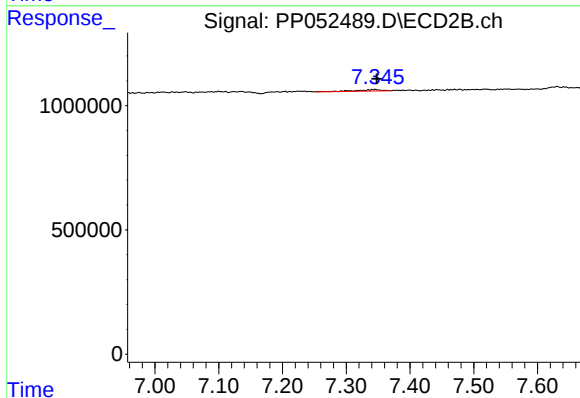
R.T.: 0.000 min  
Exp R.T.: 6.629 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

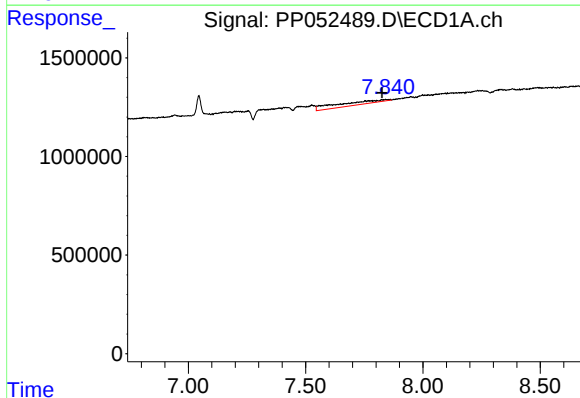
R.T.: 8.382 min  
Delta R.T.: 0.004 min  
Response: 268515  
Conc: 1.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



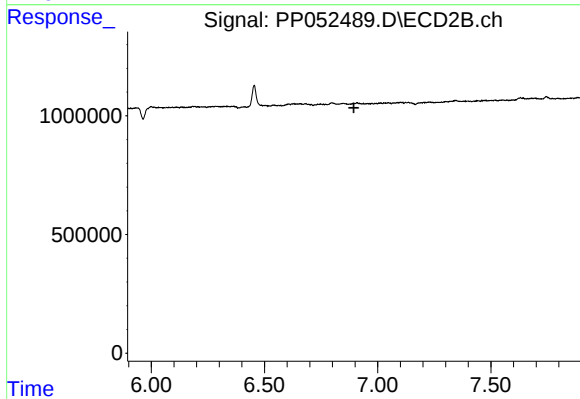
#35 AR-1260-5

R.T.: 7.346 min  
Delta R.T.: -0.002 min  
Response: 149373  
Conc: 1.13 ng/ml



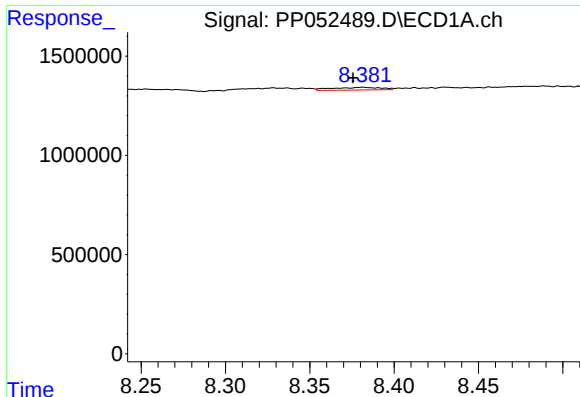
#36 AR-1262-1

R.T.: 7.842 min  
Delta R.T.: 0.016 min  
Response: 2532446  
Conc: 26.12 ng/ml



#36 AR-1262-1

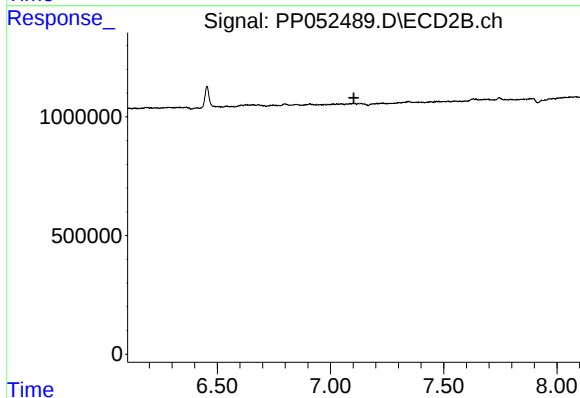
R.T.: 0.000 min  
Exp R.T.: 6.895 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

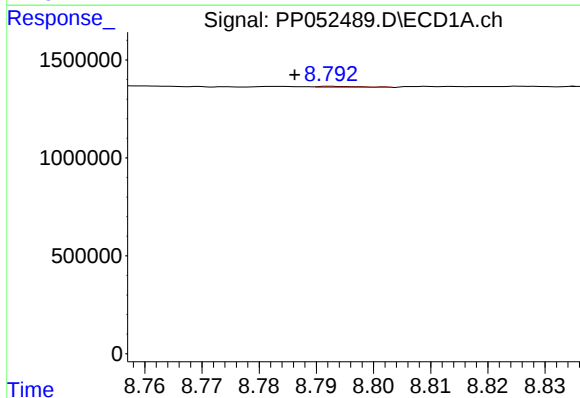
R.T.: 8.382 min  
Delta R.T.: 0.006 min  
Response: 268515  
Conc: 1.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



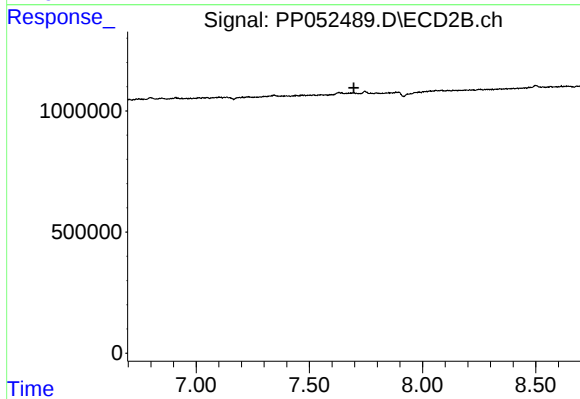
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.103 min  
Response: 0  
Conc: N.D.



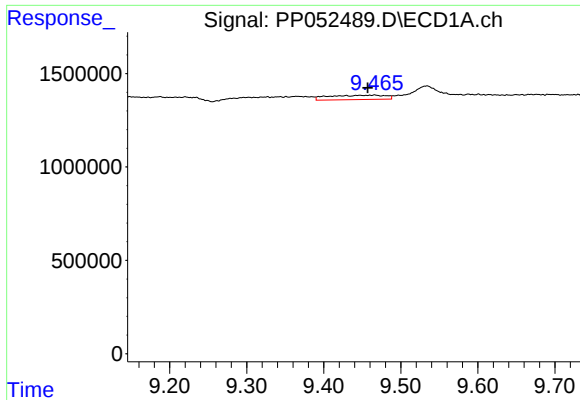
#39 AR-1262-4

R.T.: 8.793 min  
Delta R.T.: 0.006 min  
Response: 21226  
Conc: 0.42 ng/ml



#39 AR-1262-4

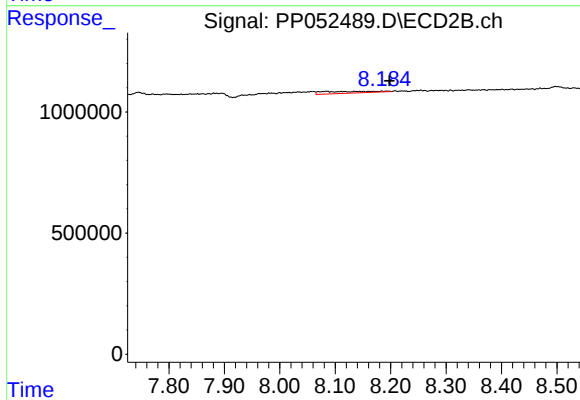
R.T.: 0.000 min  
Exp R.T. : 7.696 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

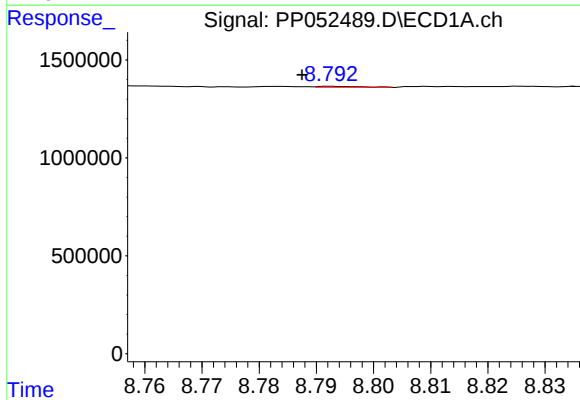
R.T.: 9.465 min  
Delta R.T.: 0.008 min  
Response: 1194014  
Conc: 18.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



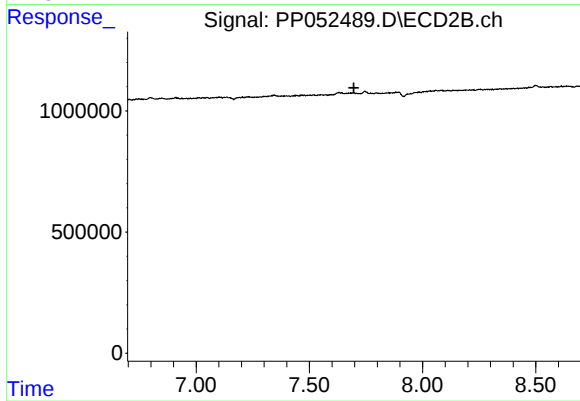
#40 AR-1262-5

R.T.: 8.184 min  
Delta R.T.: -0.013 min  
Response: 479403  
Conc: 9.43 ng/ml



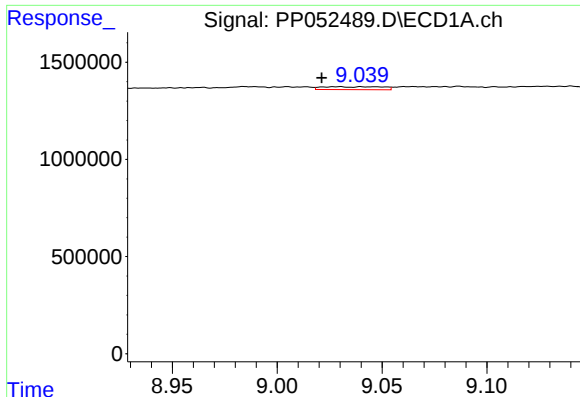
#42 AR-1268-2

R.T.: 8.793 min  
Delta R.T.: 0.005 min  
Response: 21226  
Conc: 0.12 ng/ml



#42 AR-1268-2

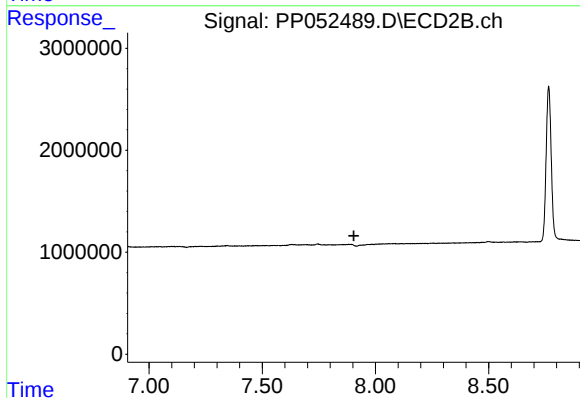
R.T.: 0.000 min  
Exp R.T. : 7.696 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

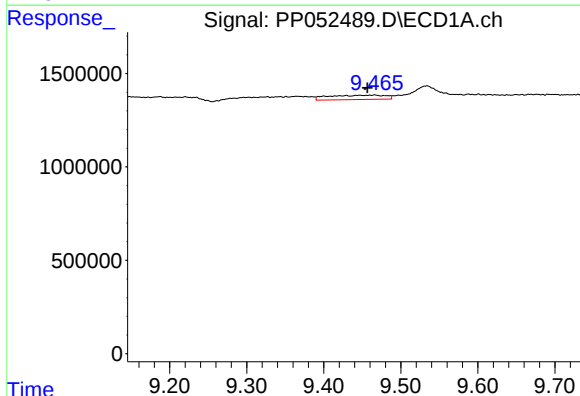
R.T.: 9.028 min  
Delta R.T.: 0.007 min  
Response: 305468  
Conc: 1.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



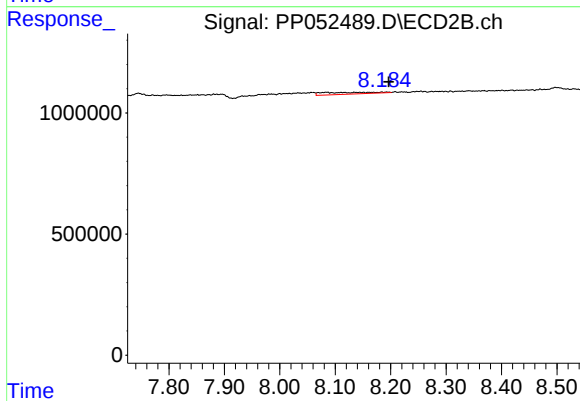
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.905 min  
Response: 0  
Conc: N.D.



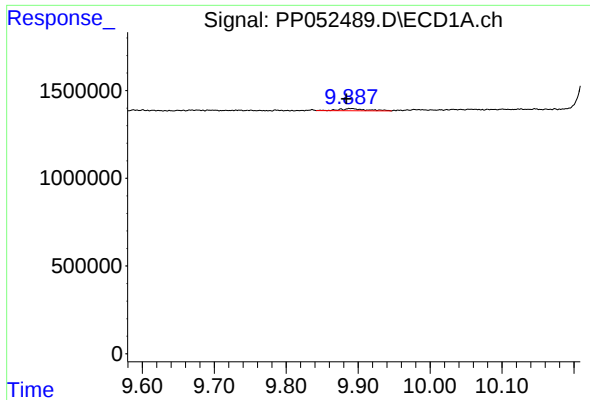
#44 AR-1268-4

R.T.: 9.465 min  
Delta R.T.: 0.009 min  
Response: 1194014  
Conc: 16.36 ng/ml



#44 AR-1268-4

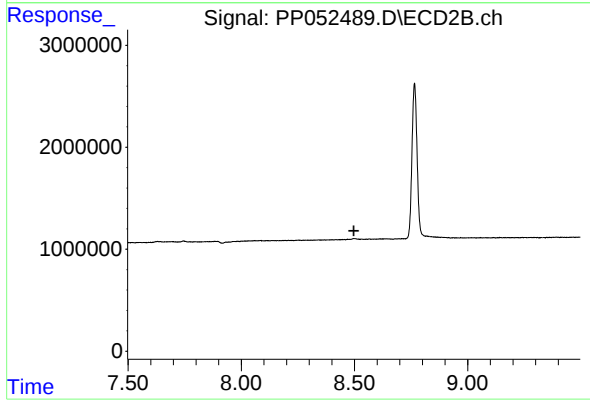
R.T.: 8.184 min  
Delta R.T.: -0.012 min  
Response: 479403  
Conc: 8.48 ng/ml



#45 AR-1268-5

R.T.: 9.890 min  
Delta R.T.: 0.007 min  
Response: 290224  
Conc: 0.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.498 min  
Response: 0  
Conc: N.D.