

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP010824\  
 Data File : PP062762.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jan 2024 09:54  
 Operator : YP\AJ  
 Sample : P1028-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 20:35:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP122123.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 22 03:29:15 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 4.395  | 3.683  | 17881333 | 22801049 | 8.225  | 7.641    |
| 2)                          | SA Decachlor... | 10.148 | 8.781  | 14377268 | 18596418 | 9.970  | 7.305 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.796  | 0        | 269866   | N.D.   | 2.874 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.796  | 0        | 269866   | N.D.   | 2.015 #  |
| 5)                          | L1 AR-1016-3    | 5.643  | 0.000  | 208718   | 0        | 3.312  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.034  | 0        | 292736   | N.D.   | 4.805 #  |
| 8)                          | L2 AR-1221-1    | 4.605  | 0.000  | 500842   | 0        | 18.376 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.971f | 0        | 1064234  | N.D.   | 38.528 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.796  | 0        | 269866   | N.D.   | 4.284 #  |
| 15)                         | L3 AR-1232-5    | 5.842  | 0.000  | 286376   | 0        | 14.325 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.796  | 0        | 269866   | N.D.   | 3.512 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.796  | 0        | 269866   | N.D.   | 2.505 #  |
| 18)                         | L4 AR-1242-3    | 5.643  | 0.000  | 208718   | 0        | 4.078  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.606  | 0        | 566325   | N.D.   | 7.840 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.796  | 0        | 269866   | N.D.   | 4.651 #  |
| 22)                         | L5 AR-1248-2    | 5.842  | 5.034  | 286376   | 292736   | 4.220  | 3.360    |
| 24)                         | L5 AR-1248-4    | 6.426f | 0.000  | 267245   | 0        | 3.509  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.426  | 5.606  | 267245   | 566325   | 3.238  | 3.567    |
| 27)                         | L6 AR-1254-2    | 6.645  | 5.754  | 1010974  | 512477   | 7.886  | 3.675 #  |
| 28)                         | L6 AR-1254-3    | 7.013  | 6.167  | 541598   | 486506   | 4.195  | 2.201 #  |
| 29)                         | L6 AR-1254-4    | 7.299  | 6.394  | 587056   | 393823   | 6.515  | 3.046 #  |
| 30)                         | L6 AR-1254-5    | 7.719  | 6.818  | 584876   | 1347352  | 5.970  | 7.022    |
| 31)                         | L7 AR-1260-1    | 7.177  | 6.297  | 826543   | 761534   | 8.349  | 4.764 #  |
| 32)                         | L7 AR-1260-2    | 7.437  | 6.486  | 1515265  | 1265947  | 13.355 | 6.914 #  |
| 33)                         | L7 AR-1260-3    | 7.797  | 6.641  | 1247319  | 1010461  | 14.557 | 5.618 #  |
| 34)                         | L7 AR-1260-4    | 8.025  | 7.120  | 765582   | 1004636  | 7.906  | 6.828    |
| 35)                         | L7 AR-1260-5    | 8.342  | 7.363  | 1508219  | 1612671  | 8.462  | 5.006 #  |
| 36)                         | L8 AR-1262-1    | 7.863  | 6.912  | 1341948  | 334133   | 24.670 | 3.761 #  |
| 37)                         | L8 AR-1262-2    | 8.342  | 7.120  | 1508219  | 1004636  | 7.437  | 5.377 #  |
| 38)                         | L8 AR-1262-3    | 8.677f | 7.651  | 8707690  | 667927   | 64.725 | 6.124 #  |
| 39)                         | L8 AR-1262-4    | 8.738  | 7.713  | 1043502  | 1916370  | 10.256 | 7.472 #  |
| 40)                         | L8 AR-1262-5    | 9.398  | 8.218  | 637582   | 404944   | 9.855  | 3.554 #  |
| 41)                         | L9 AR-1268-1    | 8.677f | 7.651  | 8707690  | 667927   | 38.545 | 1.733 #  |
| 42)                         | L9 AR-1268-2    | 8.738  | 7.713  | 1043502  | 1916370  | 5.166  | 5.415    |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.924  | 0        | 366774   | N.D.   | 1.171 #  |
| 44)                         | L9 AR-1268-4    | 9.398  | 8.218  | 637582   | 404944   | 9.418  | 3.242 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.515  | 0        | 831127   | N.D.   | 0.947 #  |
| -----                       |                 |        |        |          |          |        |          |

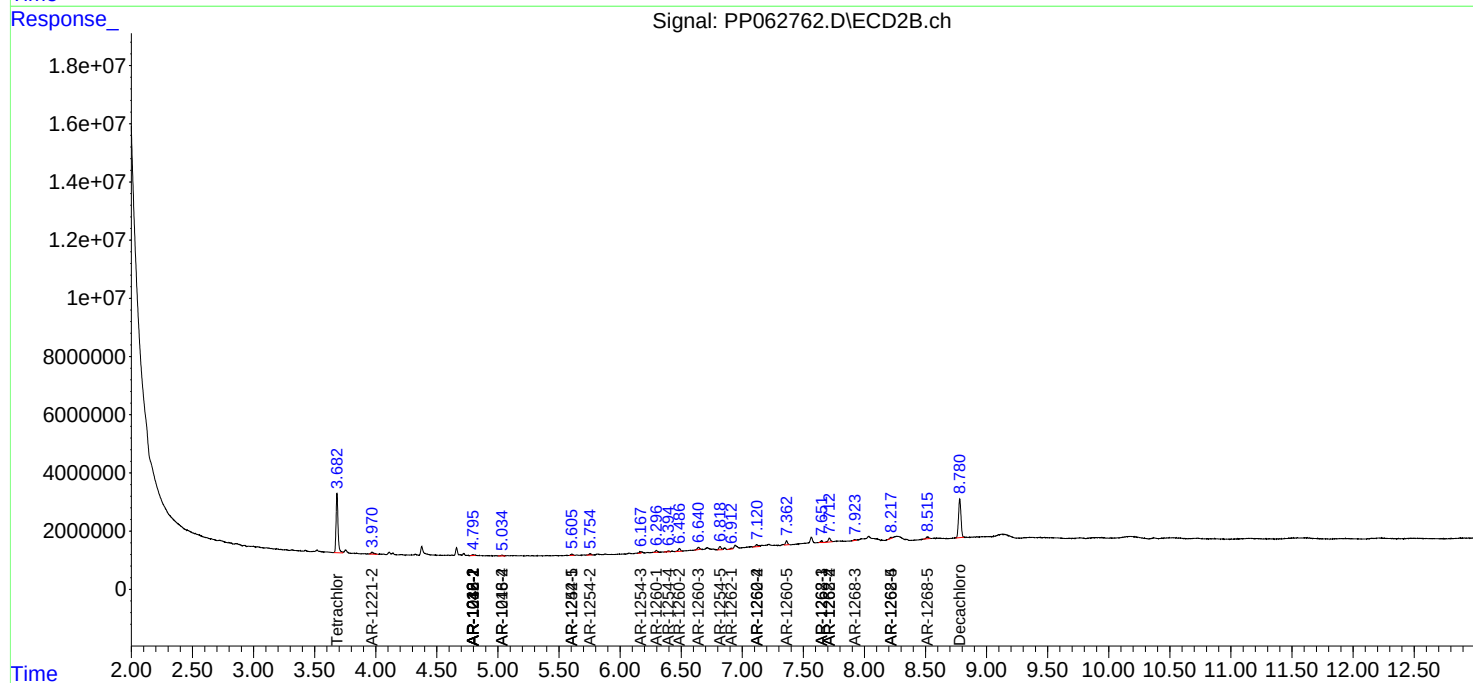
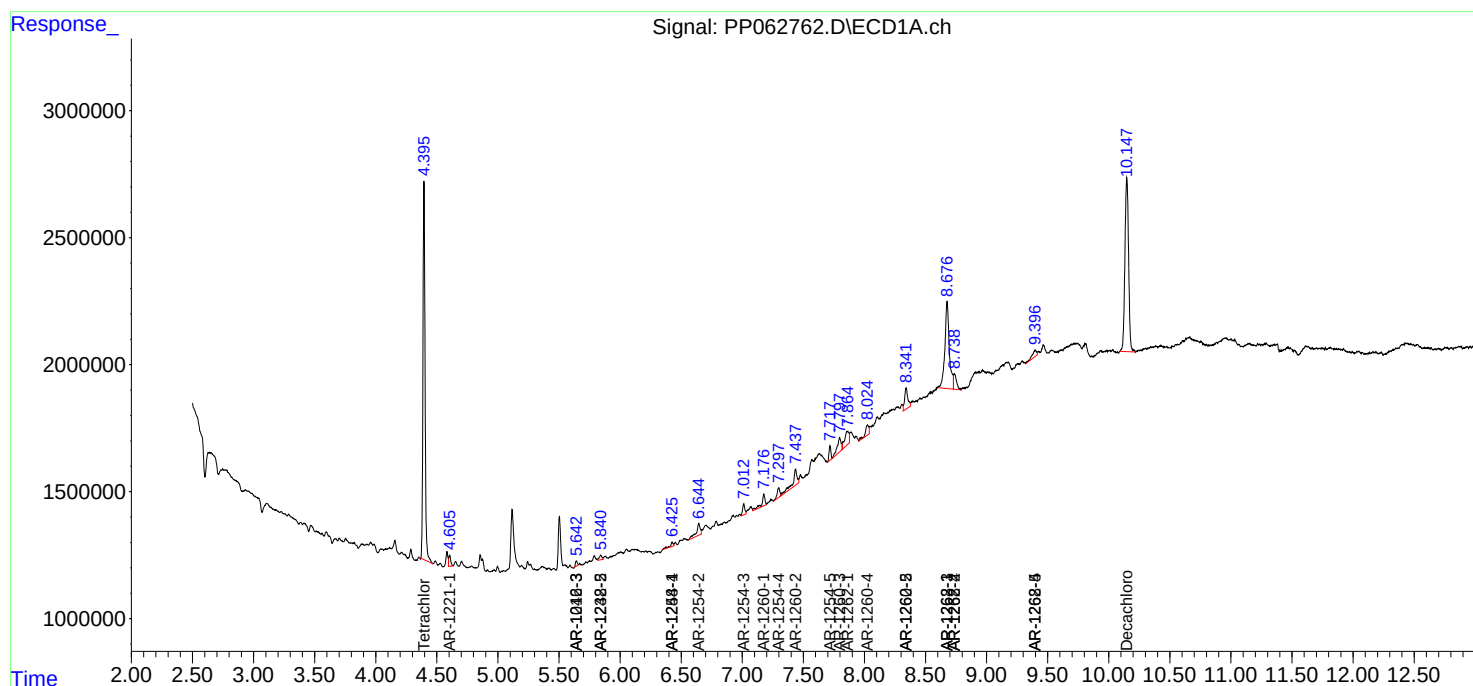
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

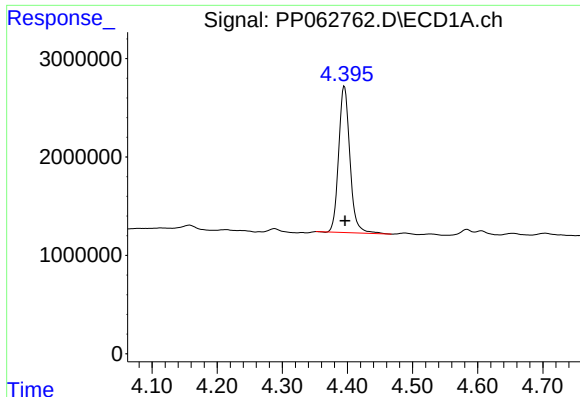
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP010824\  
Data File : PP062762.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jan 2024 09:54  
Operator : YP\AJ  
Sample : P1028-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 08 20:35:05 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP122123.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 22 03:29:15 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

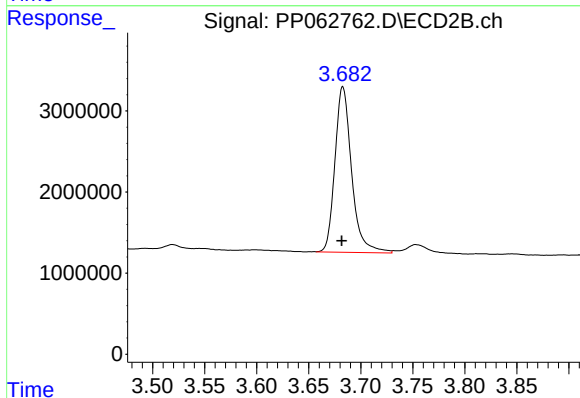




#1 Tetrachloro-m-xylene

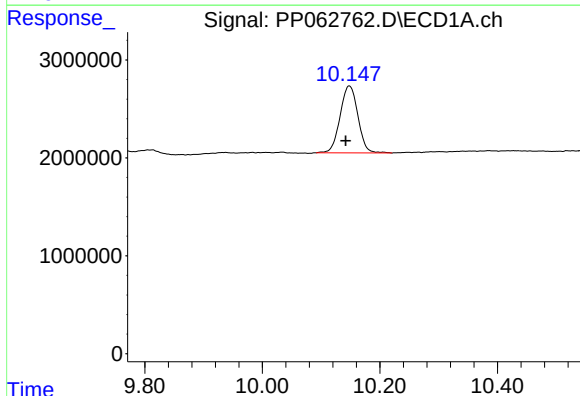
R.T.: 4.395 min  
Delta R.T.: 0.000 min  
Response: 17881333  
Conc: 8.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



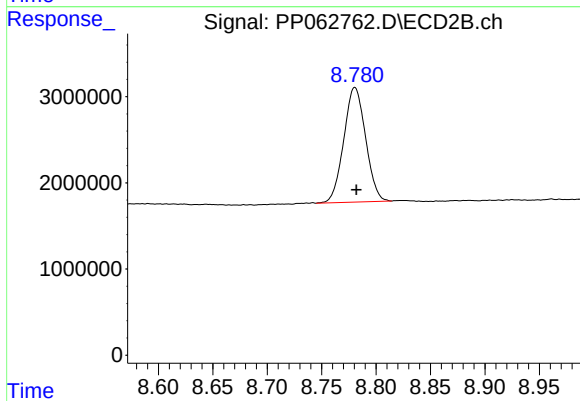
#1 Tetrachloro-m-xylene

R.T.: 3.683 min  
Delta R.T.: 0.000 min  
Response: 22801049  
Conc: 7.64 ng/ml



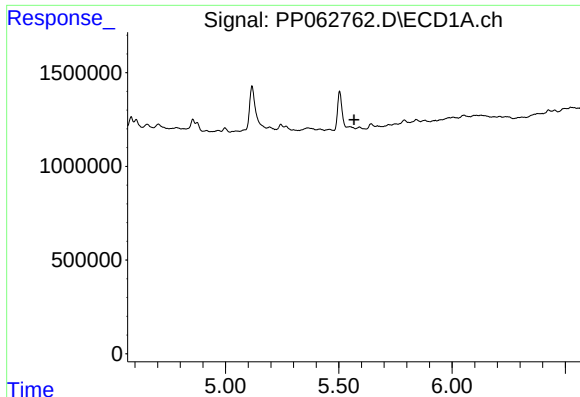
#2 Decachlorobiphenyl

R.T.: 10.148 min  
Delta R.T.: 0.006 min  
Response: 14377268  
Conc: 9.97 ng/ml



#2 Decachlorobiphenyl

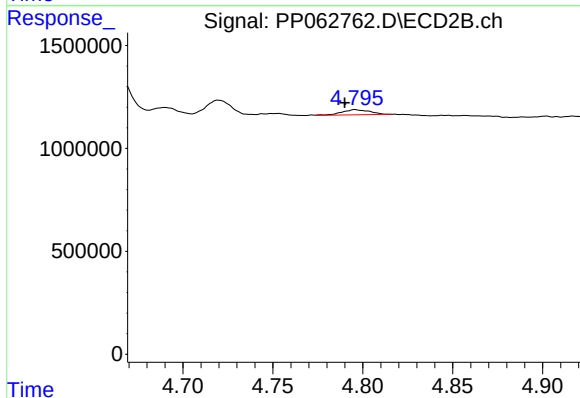
R.T.: 8.781 min  
Delta R.T.: -0.001 min  
Response: 18596418  
Conc: 7.30 ng/ml



#3 AR-1016-1

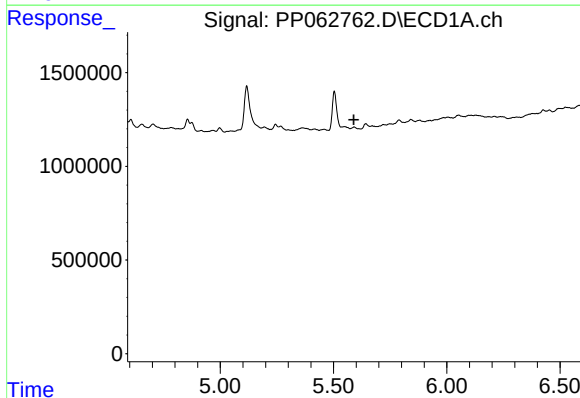
R.T.: 0.000 min  
Exp R.T.: 5.567 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



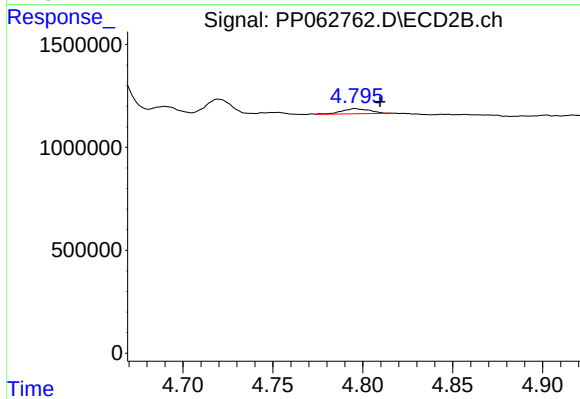
#3 AR-1016-1

R.T.: 4.796 min  
Delta R.T.: 0.006 min  
Response: 269866  
Conc: 2.87 ng/ml



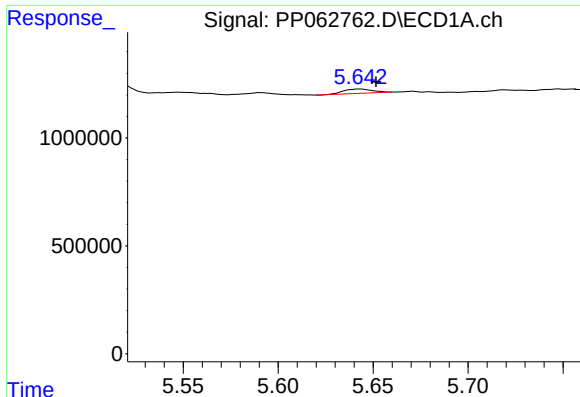
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.590 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

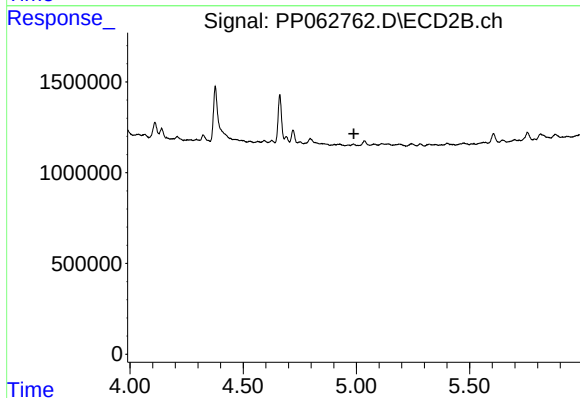
R.T.: 4.796 min  
Delta R.T.: -0.014 min  
Response: 269866  
Conc: 2.01 ng/ml



#5 AR-1016-3

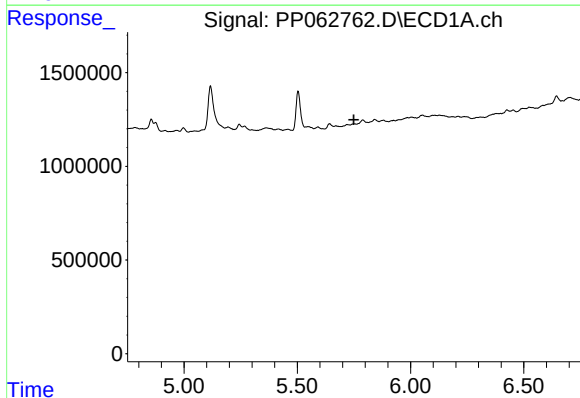
R.T.: 5.643 min  
Delta R.T.: -0.009 min  
Response: 208718  
Conc: 3.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



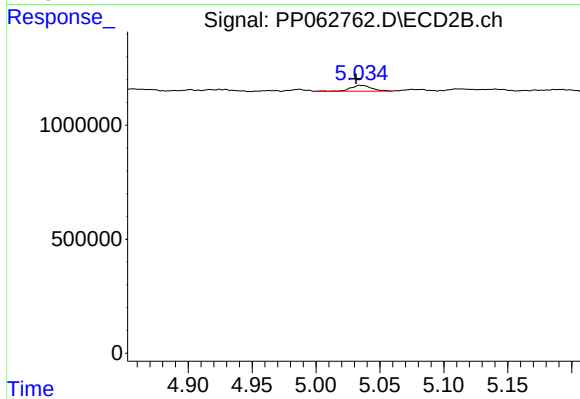
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.988 min  
Response: 0  
Conc: N.D.



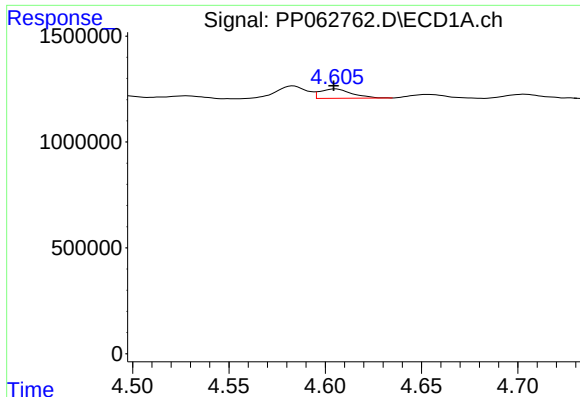
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.750 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

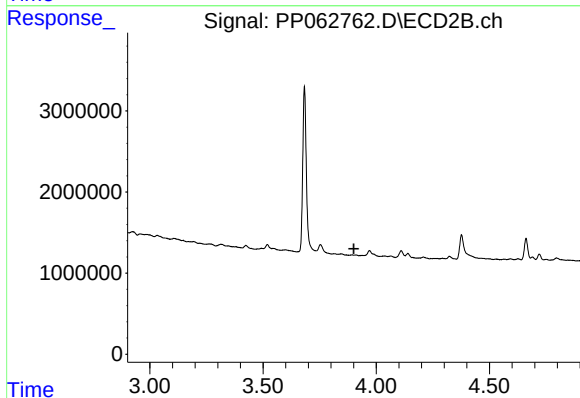
R.T.: 5.034 min  
Delta R.T.: 0.003 min  
Response: 292736  
Conc: 4.81 ng/ml



#8 AR-1221-1

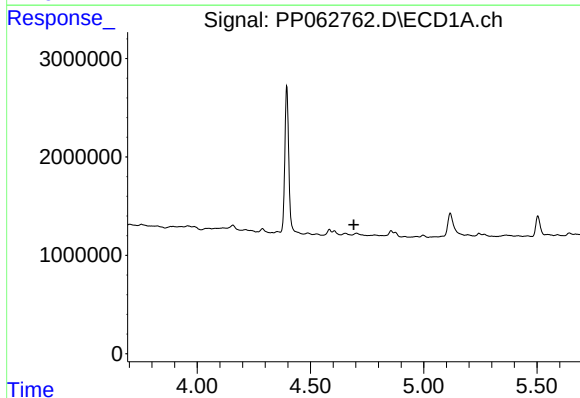
R.T.: 4.605 min  
Delta R.T.: 0.000 min  
Response: 500842  
Conc: 18.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



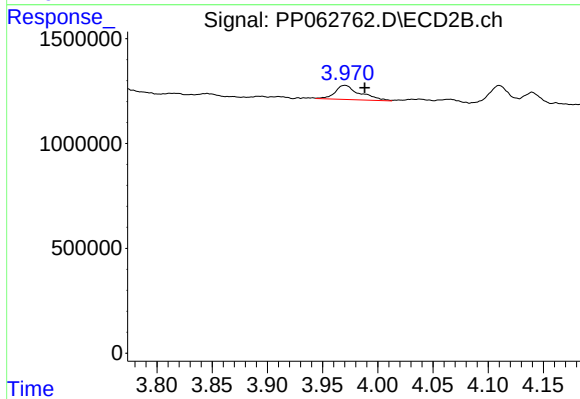
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.901 min  
Response: 0  
Conc: N.D.



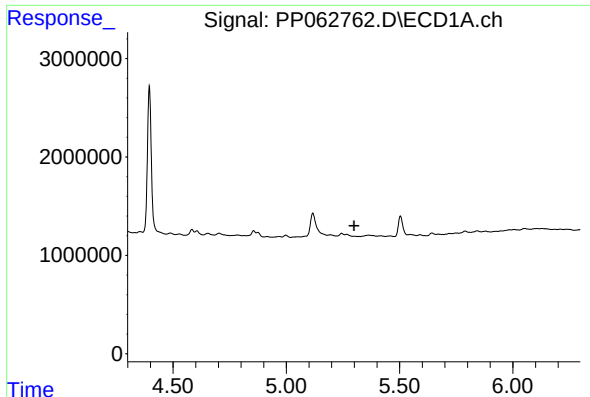
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.691 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

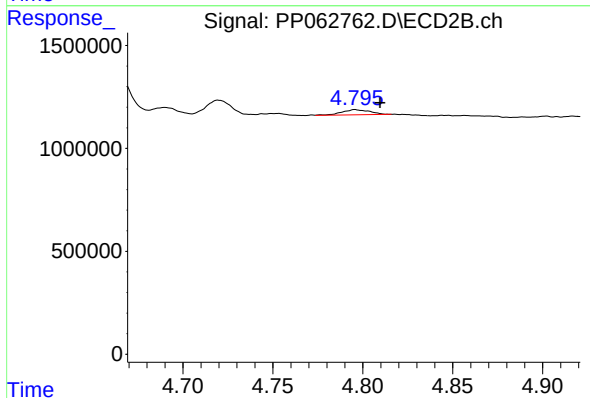
R.T.: 3.971 min  
Delta R.T.: -0.018 min  
Response: 1064234  
Conc: 38.53 ng/ml



#12 AR-1232-2

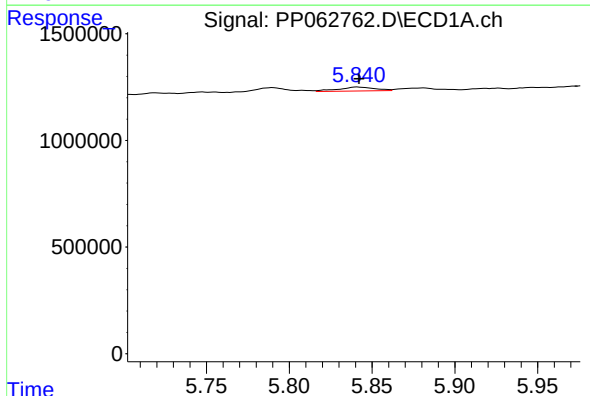
R.T.: 0.000 min  
Exp R.T.: 5.299 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



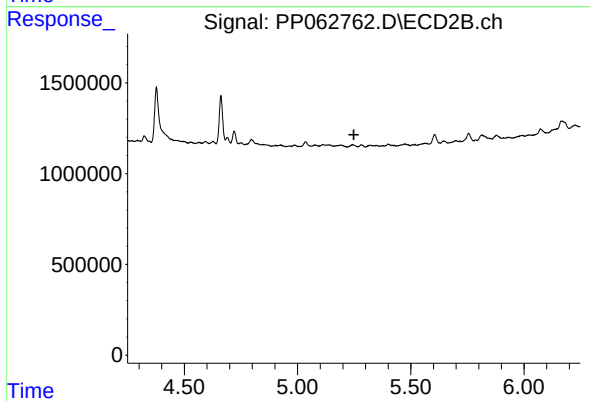
#12 AR-1232-2

R.T.: 4.796 min  
Delta R.T.: -0.014 min  
Response: 269866  
Conc: 4.28 ng/ml



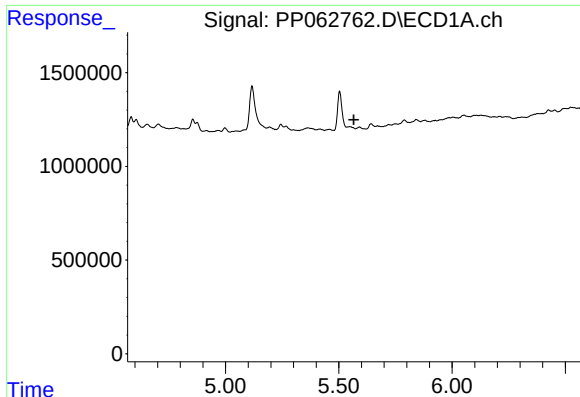
#15 AR-1232-5

R.T.: 5.842 min  
Delta R.T.: 0.000 min  
Response: 286376  
Conc: 14.33 ng/ml



#15 AR-1232-5

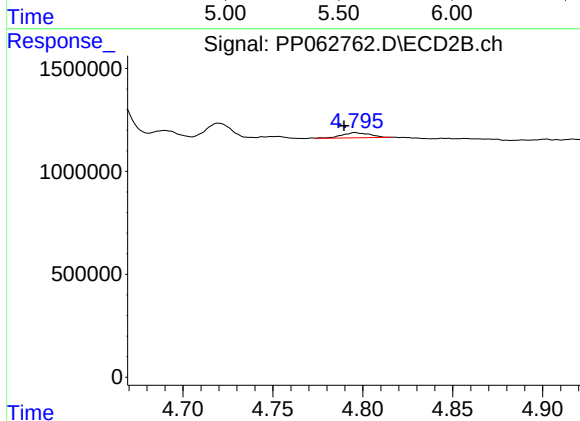
R.T.: 0.000 min  
Exp R.T.: 5.249 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

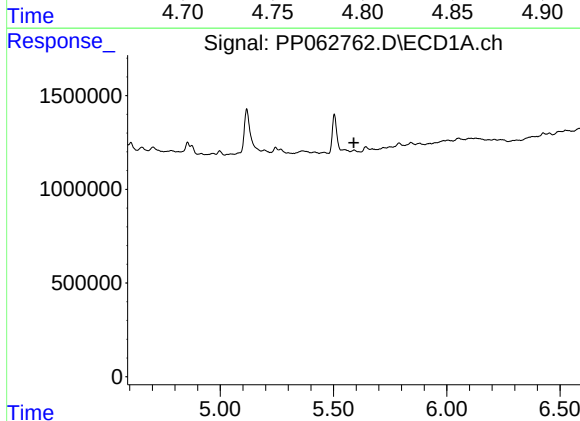
R.T.: 0.000 min  
Exp R.T.: 5.566 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



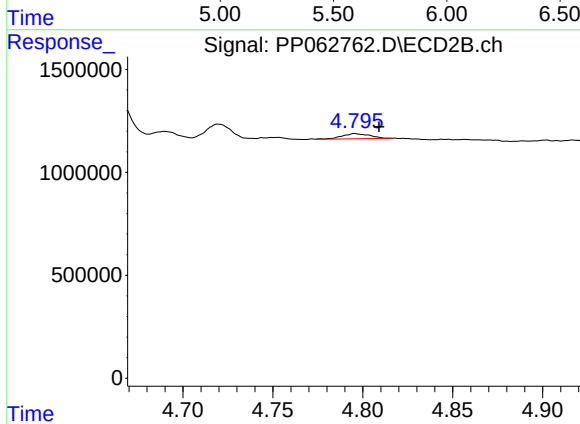
#16 AR-1242-1

R.T.: 4.796 min  
Delta R.T.: 0.006 min  
Response: 269866  
Conc: 3.51 ng/ml



#17 AR-1242-2

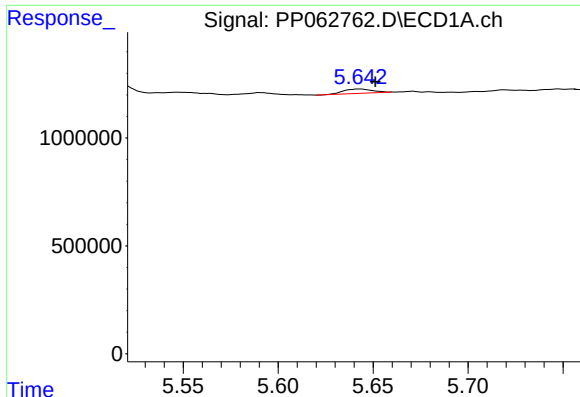
R.T.: 0.000 min  
Exp R.T.: 5.589 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

R.T.: 4.796 min  
Delta R.T.: -0.014 min  
Response: 269866  
Conc: 2.50 ng/ml

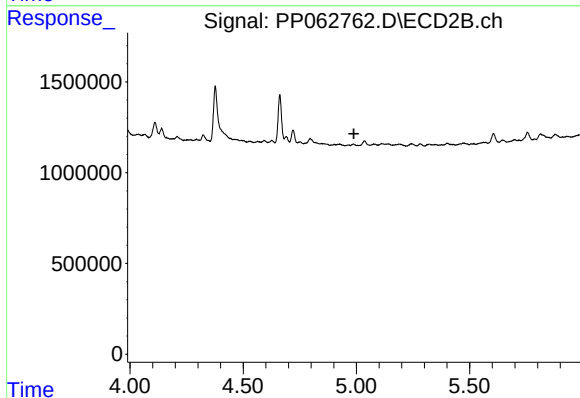




#18 AR-1242-3

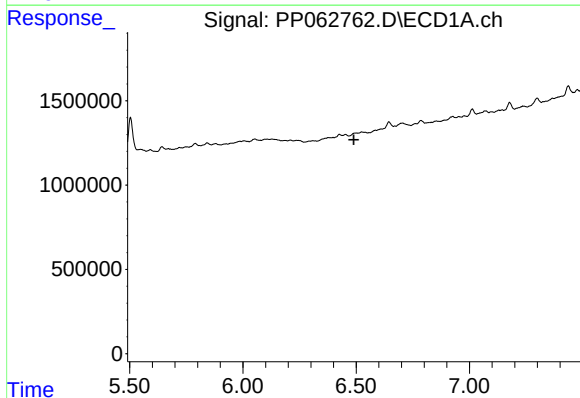
R.T.: 5.643 min  
Delta R.T.: -0.008 min  
Response: 208718  
Conc: 4.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



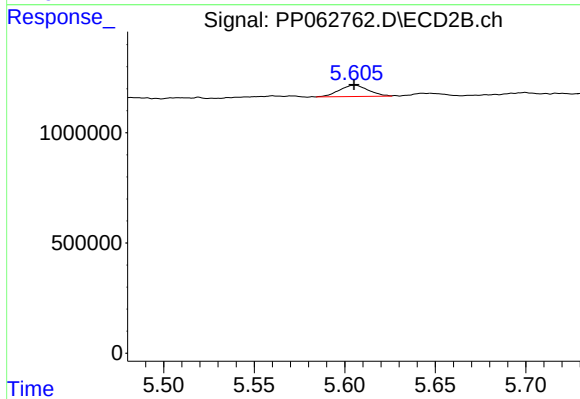
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.988 min  
Response: 0  
Conc: N.D.



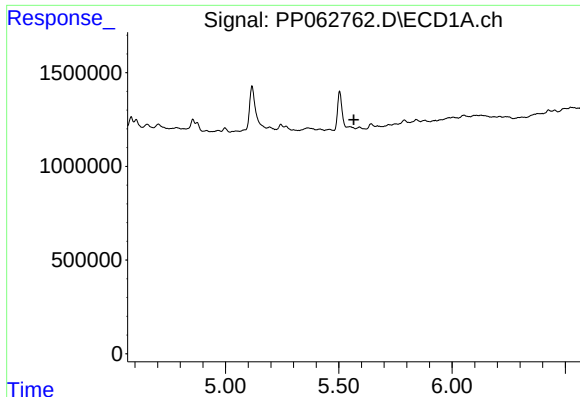
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.489 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

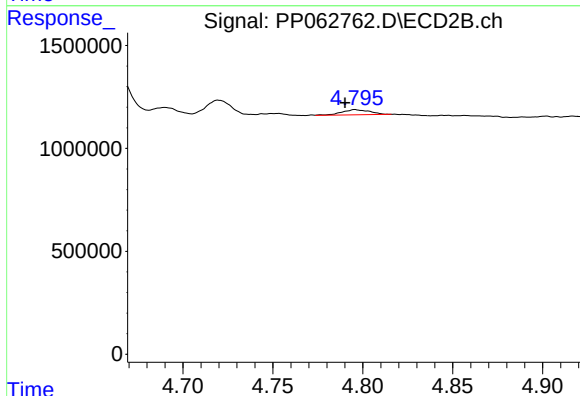
R.T.: 5.606 min  
Delta R.T.: 0.000 min  
Response: 566325  
Conc: 7.84 ng/ml



#21 AR-1248-1

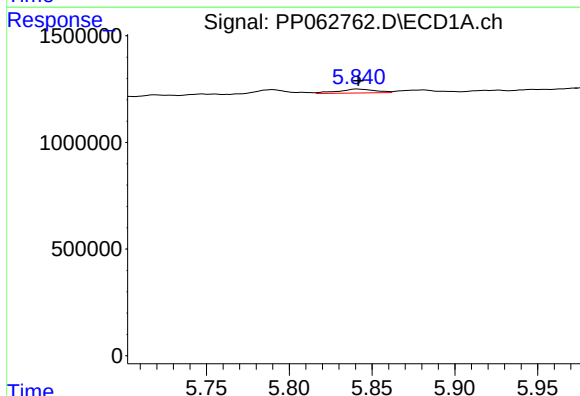
R.T.: 0.000 min  
Exp R.T.: 5.567 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



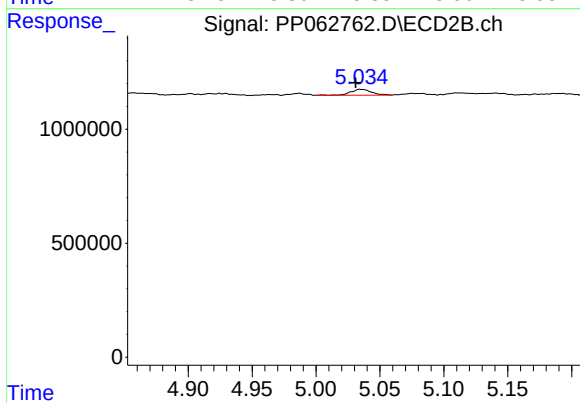
#21 AR-1248-1

R.T.: 4.796 min  
Delta R.T.: 0.005 min  
Response: 269866  
Conc: 4.65 ng/ml



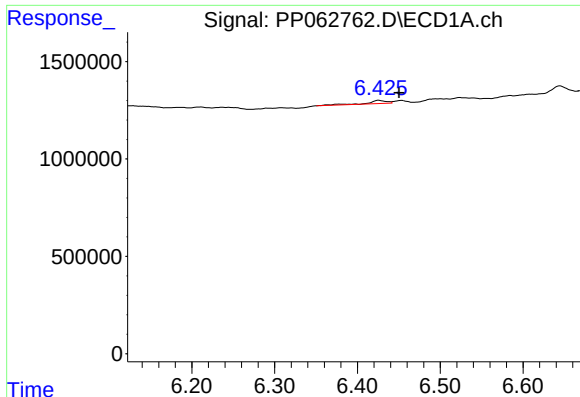
#22 AR-1248-2

R.T.: 5.842 min  
Delta R.T.: 0.000 min  
Response: 286376  
Conc: 4.22 ng/ml



#22 AR-1248-2

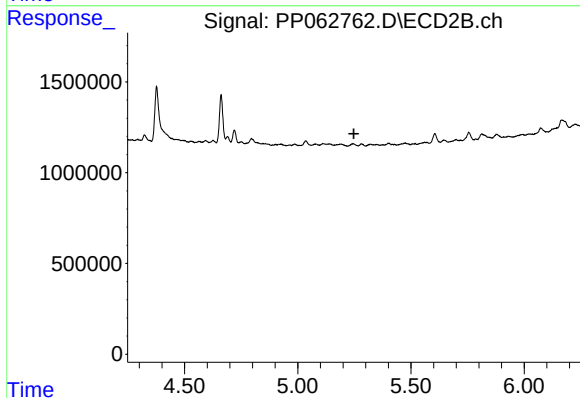
R.T.: 5.034 min  
Delta R.T.: 0.003 min  
Response: 292736  
Conc: 3.36 ng/ml



#24 AR-1248-4

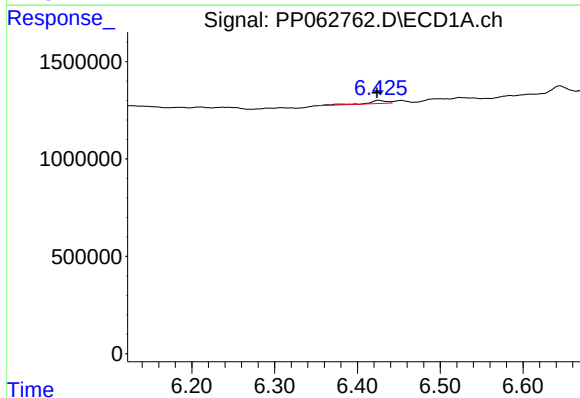
R.T.: 6.426 min  
Delta R.T.: -0.024 min  
Response: 267245  
Conc: 3.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



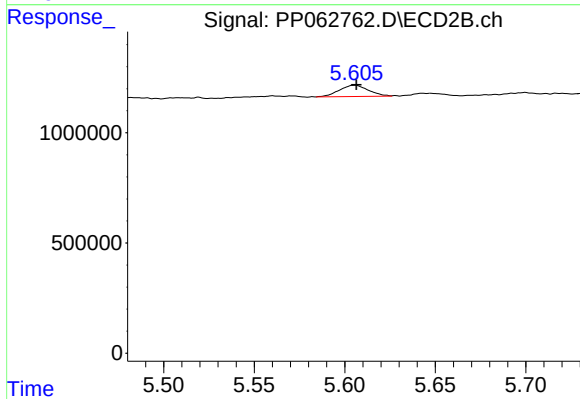
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.248 min  
Response: 0  
Conc: N.D.



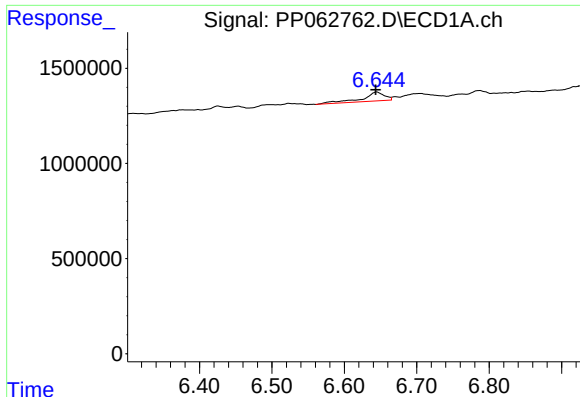
#26 AR-1254-1

R.T.: 6.426 min  
Delta R.T.: 0.002 min  
Response: 267245  
Conc: 3.24 ng/ml



#26 AR-1254-1

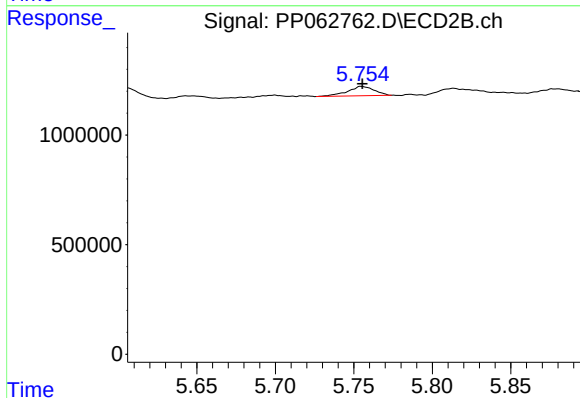
R.T.: 5.606 min  
Delta R.T.: 0.000 min  
Response: 566325  
Conc: 3.57 ng/ml



#27 AR-1254-2

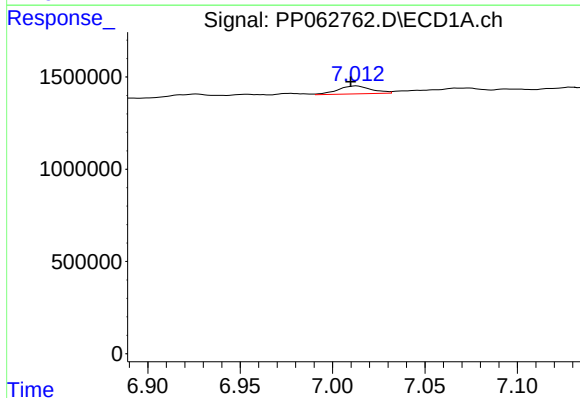
R.T.: 6.645 min  
Delta R.T.: 0.001 min  
Response: 1010974  
Conc: 7.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



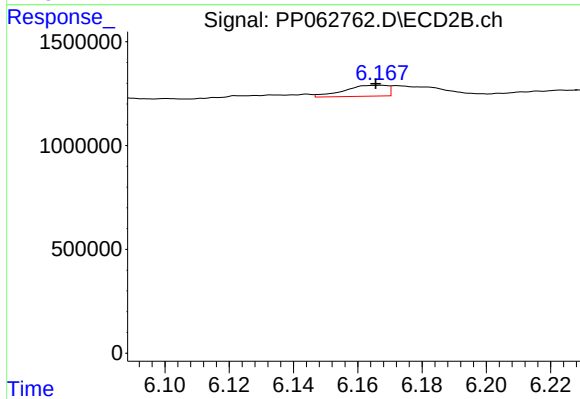
#27 AR-1254-2

R.T.: 5.754 min  
Delta R.T.: 0.000 min  
Response: 512477  
Conc: 3.67 ng/ml



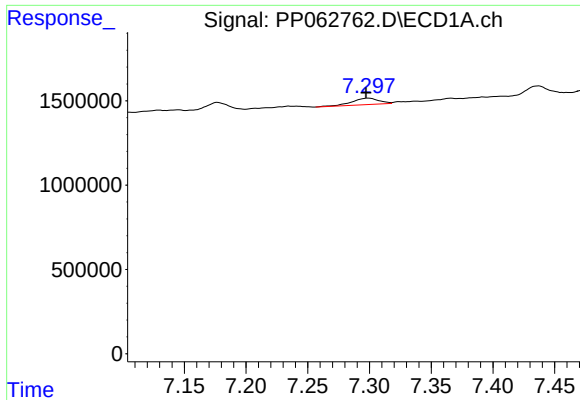
#28 AR-1254-3

R.T.: 7.013 min  
Delta R.T.: 0.003 min  
Response: 541598  
Conc: 4.19 ng/ml



#28 AR-1254-3

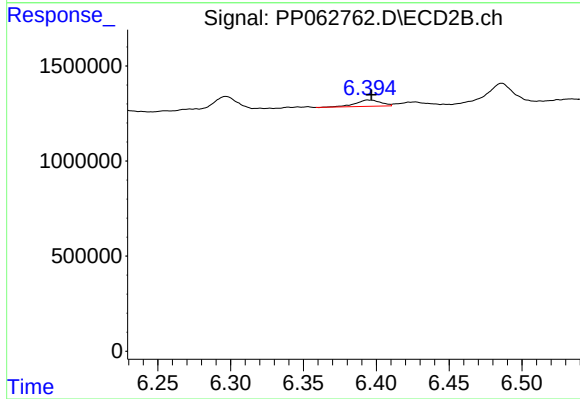
R.T.: 6.167 min  
Delta R.T.: 0.002 min  
Response: 486506  
Conc: 2.20 ng/ml



#29 AR-1254-4

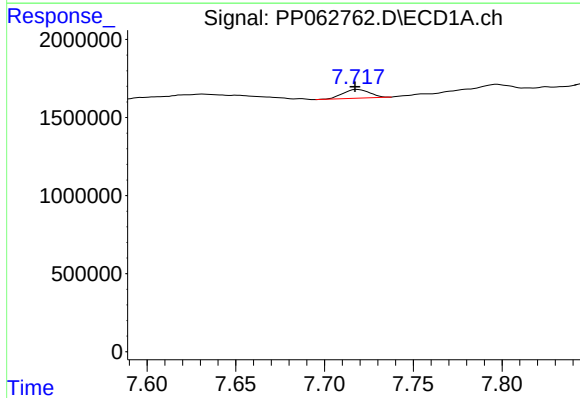
R.T.: 7.299 min  
Delta R.T.: 0.002 min  
Response: 587056  
Conc: 6.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



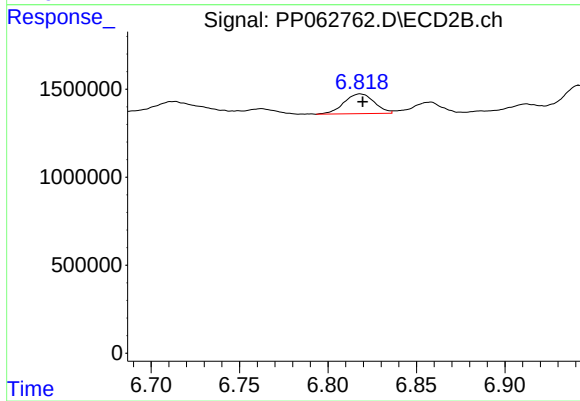
#29 AR-1254-4

R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 393823  
Conc: 3.05 ng/ml



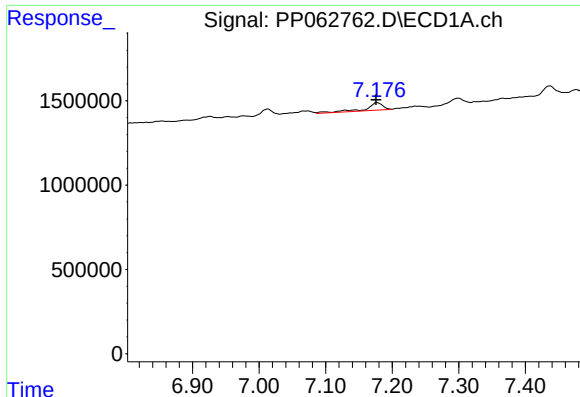
#30 AR-1254-5

R.T.: 7.719 min  
Delta R.T.: 0.001 min  
Response: 584876  
Conc: 5.97 ng/ml



#30 AR-1254-5

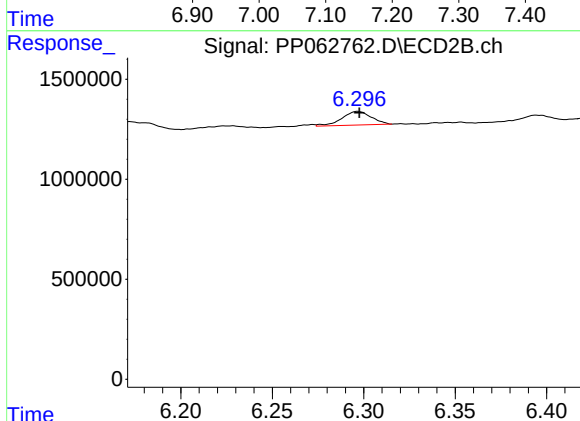
R.T.: 6.818 min  
Delta R.T.: -0.002 min  
Response: 1347352  
Conc: 7.02 ng/ml



#31 AR-1260-1

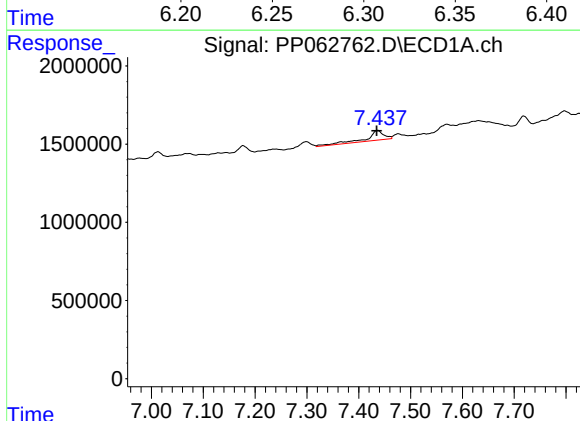
R.T.: 7.177 min  
Delta R.T.: 0.002 min  
Response: 826543  
Conc: 8.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



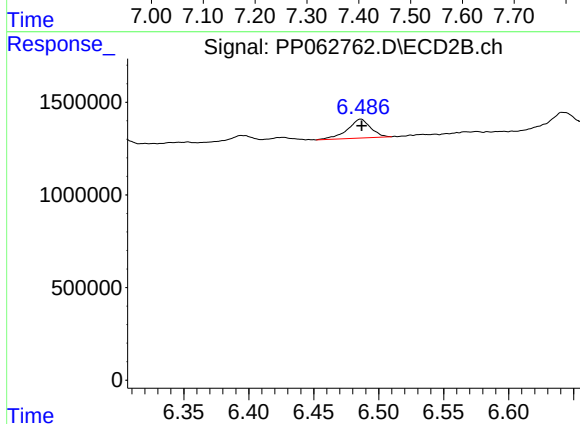
#31 AR-1260-1

R.T.: 6.297 min  
Delta R.T.: 0.000 min  
Response: 761534  
Conc: 4.76 ng/ml



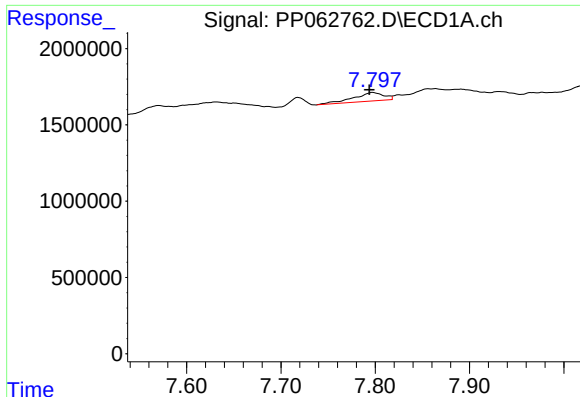
#32 AR-1260-2

R.T.: 7.437 min  
Delta R.T.: 0.002 min  
Response: 1515265  
Conc: 13.35 ng/ml



#32 AR-1260-2

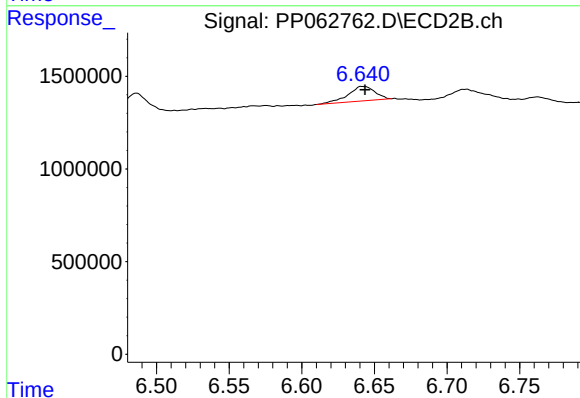
R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 1265947  
Conc: 6.91 ng/ml



#33 AR-1260-3

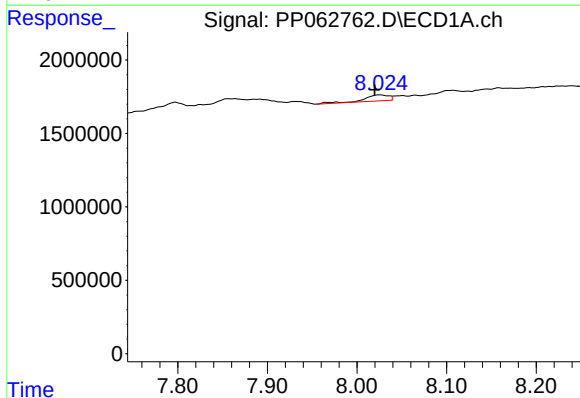
R.T.: 7.797 min  
Delta R.T.: 0.003 min  
Response: 1247319  
Conc: 14.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



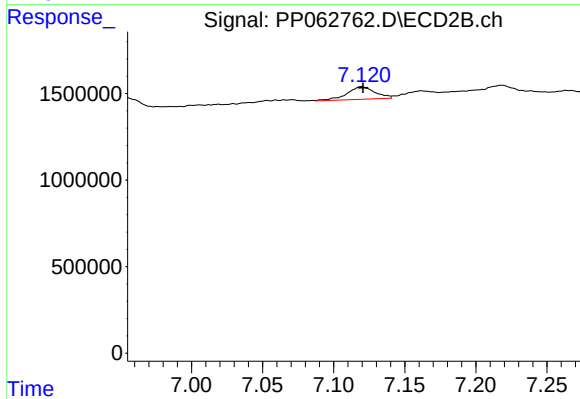
#33 AR-1260-3

R.T.: 6.641 min  
Delta R.T.: -0.002 min  
Response: 1010461  
Conc: 5.62 ng/ml



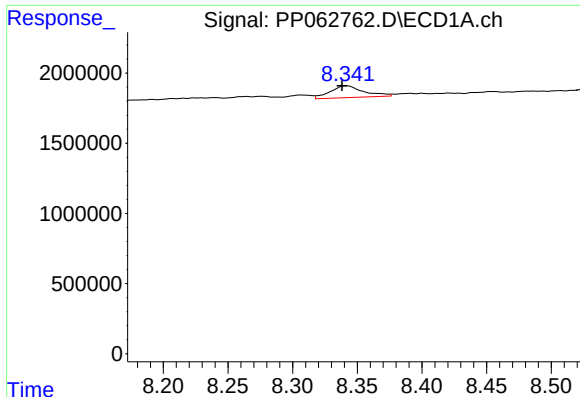
#34 AR-1260-4

R.T.: 8.025 min  
Delta R.T.: 0.006 min  
Response: 765582  
Conc: 7.91 ng/ml



#34 AR-1260-4

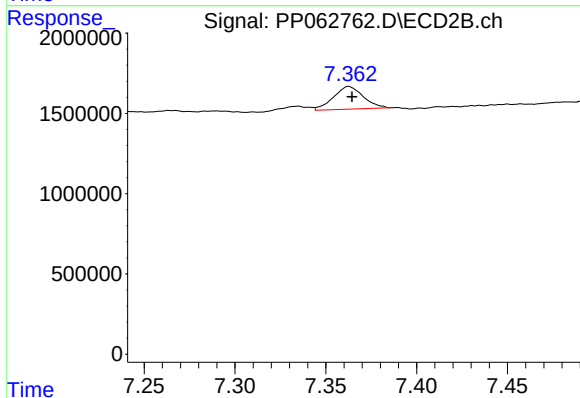
R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 1004636  
Conc: 6.83 ng/ml



#35 AR-1260-5

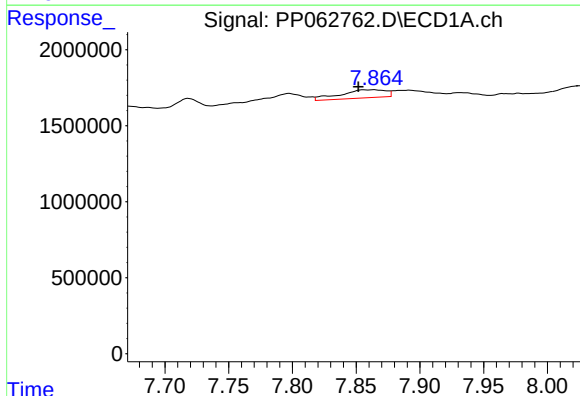
R.T.: 8.342 min  
Delta R.T.: 0.003 min  
Response: 1508219  
Conc: 8.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



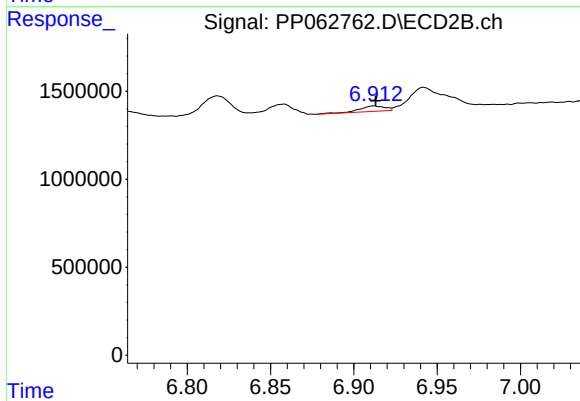
#35 AR-1260-5

R.T.: 7.363 min  
Delta R.T.: -0.002 min  
Response: 1612671  
Conc: 5.01 ng/ml



#36 AR-1262-1

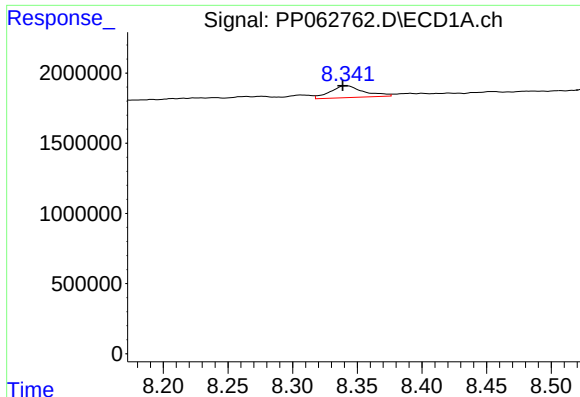
R.T.: 7.863 min  
Delta R.T.: 0.011 min  
Response: 1341948  
Conc: 24.67 ng/ml



#36 AR-1262-1

R.T.: 6.912 min  
Delta R.T.: 0.000 min  
Response: 334133  
Conc: 3.76 ng/ml

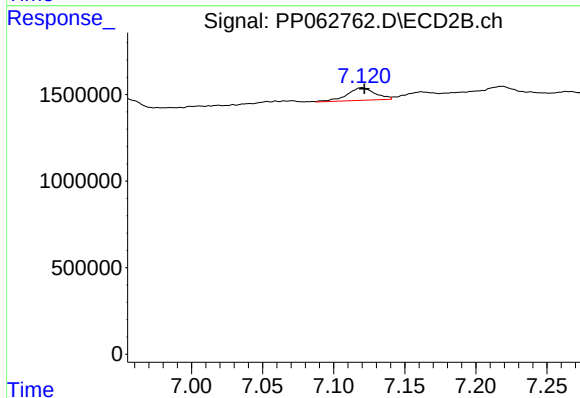




#37 AR-1262-2

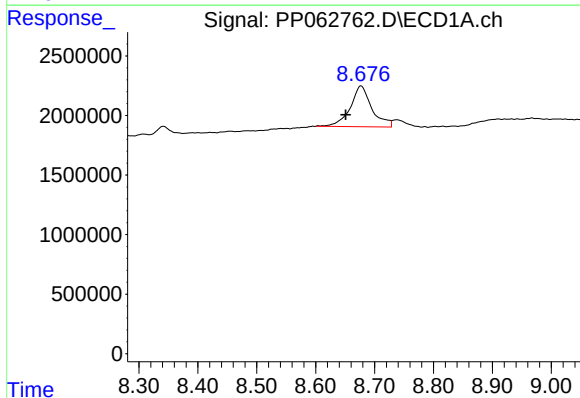
R.T.: 8.342 min  
Delta R.T.: 0.003 min  
Response: 1508219  
Conc: 7.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



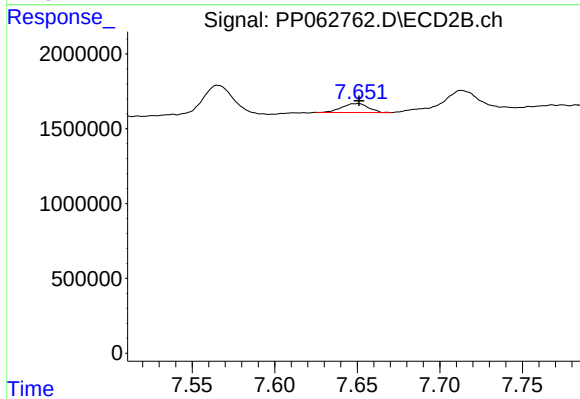
#37 AR-1262-2

R.T.: 7.120 min  
Delta R.T.: -0.002 min  
Response: 1004636  
Conc: 5.38 ng/ml



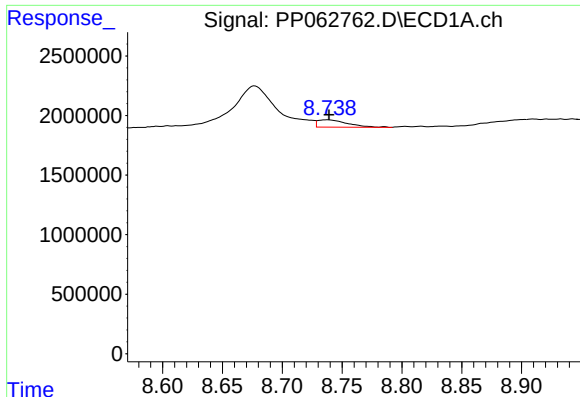
#38 AR-1262-3

R.T.: 8.677 min  
Delta R.T.: 0.026 min  
Response: 8707690  
Conc: 64.73 ng/ml



#38 AR-1262-3

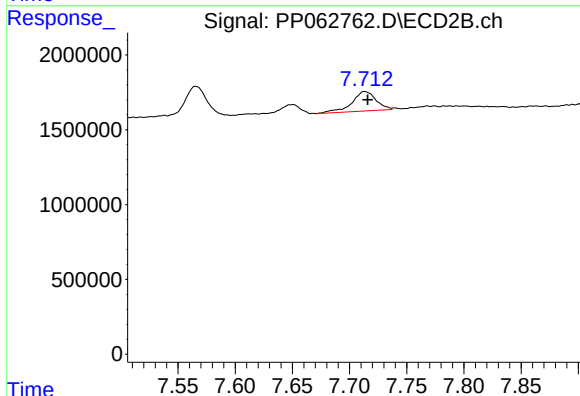
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 667927  
Conc: 6.12 ng/ml



#39 AR-1262-4

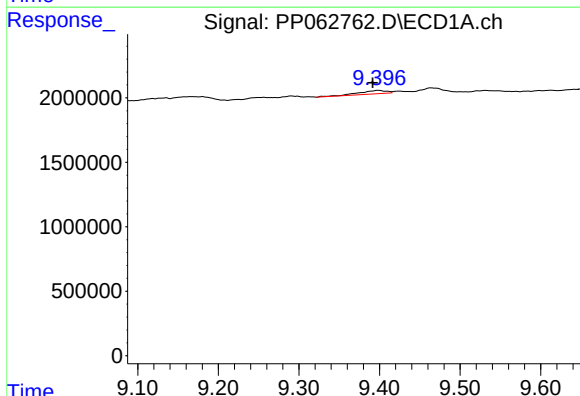
R.T.: 8.738 min  
Delta R.T.: -0.001 min  
Response: 1043502  
Conc: 10.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



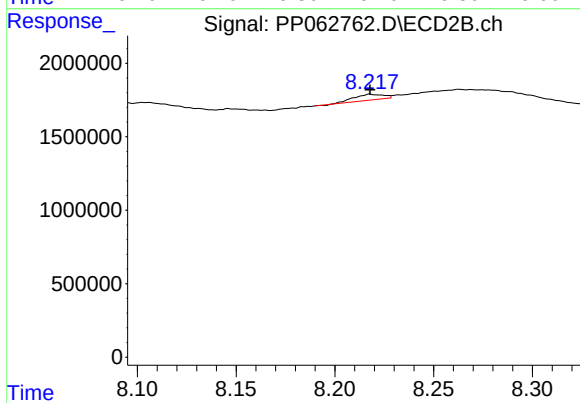
#39 AR-1262-4

R.T.: 7.713 min  
Delta R.T.: -0.003 min  
Response: 1916370  
Conc: 7.47 ng/ml



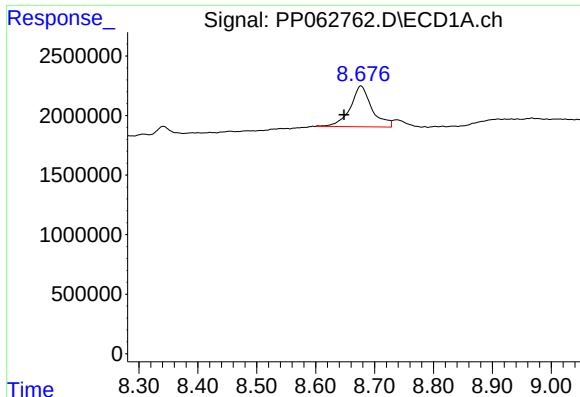
#40 AR-1262-5

R.T.: 9.398 min  
Delta R.T.: 0.007 min  
Response: 637582  
Conc: 9.86 ng/ml



#40 AR-1262-5

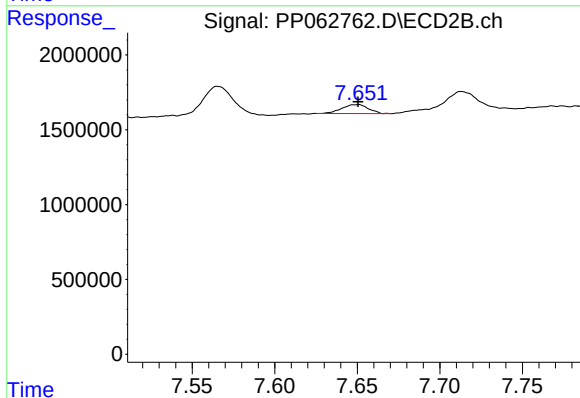
R.T.: 8.218 min  
Delta R.T.: 0.000 min  
Response: 404944  
Conc: 3.55 ng/ml



#41 AR-1268-1

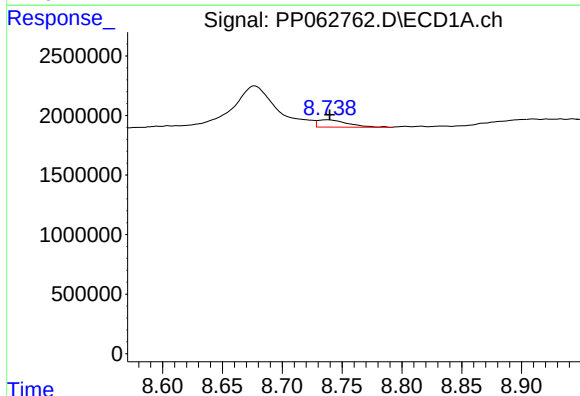
R.T.: 8.677 min  
Delta R.T.: 0.029 min  
Response: 8707690  
Conc: 38.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



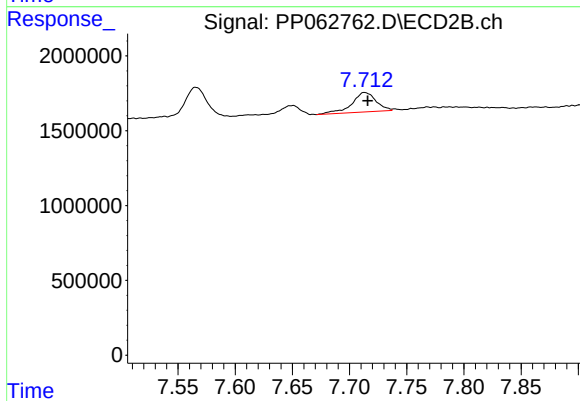
#41 AR-1268-1

R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 667927  
Conc: 1.73 ng/ml



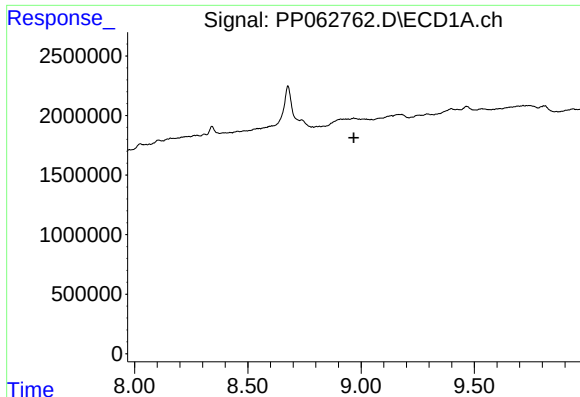
#42 AR-1268-2

R.T.: 8.738 min  
Delta R.T.: -0.002 min  
Response: 1043502  
Conc: 5.17 ng/ml



#42 AR-1268-2

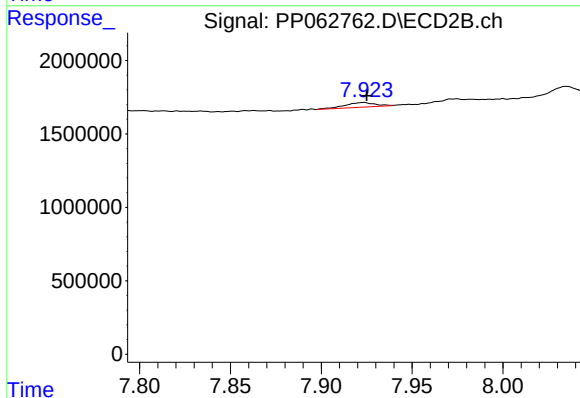
R.T.: 7.713 min  
Delta R.T.: -0.003 min  
Response: 1916370  
Conc: 5.42 ng/ml



#43 AR-1268-3

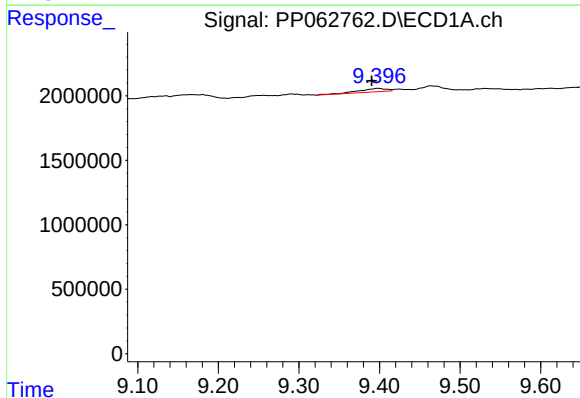
R.T.: 0.000 min  
Exp R.T.: 8.968 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



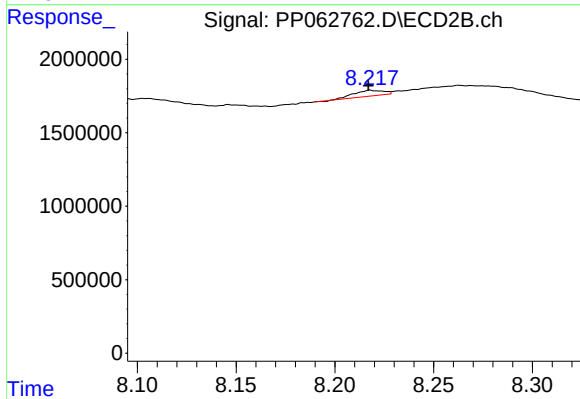
#43 AR-1268-3

R.T.: 7.924 min  
Delta R.T.: -0.001 min  
Response: 366774  
Conc: 1.17 ng/ml



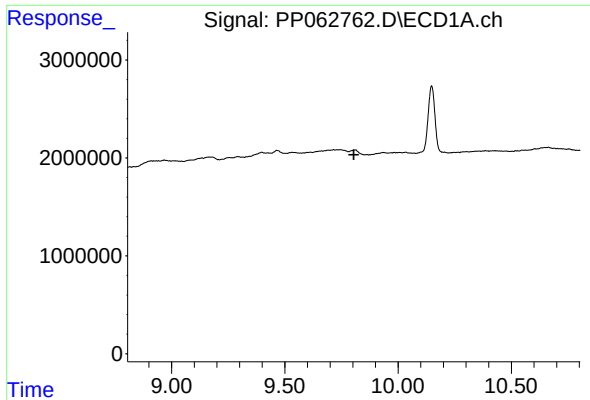
#44 AR-1268-4

R.T.: 9.398 min  
Delta R.T.: 0.008 min  
Response: 637582  
Conc: 9.42 ng/ml



#44 AR-1268-4

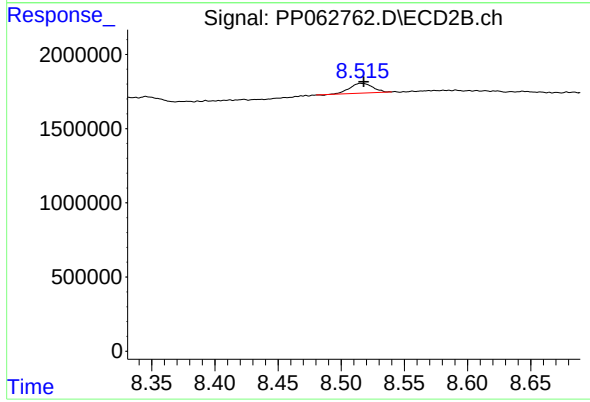
R.T.: 8.218 min  
Delta R.T.: 0.000 min  
Response: 404944  
Conc: 3.24 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.804 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.515 min  
Delta R.T.: -0.002 min  
Response: 831127  
Conc: 0.95 ng/ml