

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031121\  
 Data File : PQ052547.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Mar 2021 18:56  
 Operator : DD\AJ  
 Sample : M1458-08  
 Misc : AR1262 LOQ 50 PPB  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 06:09:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ031021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Mar 11 04:11:59 2021  
 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... | 5.226  | 4.243  | 466.8E6  | 164.1E6  | 18.376 | 18.040   |
| 2)                          | SA Decachlor... | 11.413 | 9.584  | 500.6E6  | 190.0E6  | 20.079 | 19.585   |
|                             |                 |        |        |          |          |        |          |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 6.548  | 5.520f | 815526   | 1273971  | 0.963  | 3.943 #  |
| 4)                          | L1 AR-1016-2    | 6.569  | 5.520  | 135944   | 1273971  | 0.107  | 2.696 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.764  | 0        | 47094    | N.D.   | 0.256 #  |
| 7)                          | L1 AR-1016-5    | 7.059  | 0.000  | 1182261  | 0        | 2.026  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.581  | 4.600  | 5313355  | 2195725  | 29.333 | 33.059   |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.520  | 0        | 1273971  | N.D.   | 6.589 #  |
| 13)                         | L3 AR-1232-3    | 6.569  | 0.000  | 135944   | 0        | 0.258  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 6.548  | 5.520f | 815526   | 1273971  | 1.260  | 5.177 #  |
| 17)                         | L4 AR-1242-2    | 6.569  | 5.520  | 135944   | 1273971  | 0.142  | 3.627 #  |
| 20)                         | L4 AR-1242-5    | 7.527  | 6.376  | 4498560  | 3222607  | 8.544  | 13.552 # |
| 21)                         | L5 AR-1248-1    | 6.548  | 5.520f | 815526   | 1273971  | 1.685  | 6.870 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.764  | 0        | 47094    | N.D.   | 0.190 #  |
| 23)                         | L5 AR-1248-3    | 7.059  | 0.000  | 1182261  | 0        | 1.527  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.489  | 0.000  | 4345595  | 0        | 4.721  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.527  | 0.000  | 4498560  | 0        | 4.923  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.459  | 6.376  | 19672693 | 3222607  | 21.868 | 6.256 #  |
| 27)                         | L6 AR-1254-2    | 7.687  | 6.533  | 10463566 | 4125419  | 7.406  | 9.219    |
| 28)                         | L6 AR-1254-3    | 8.073  | 6.973f | 6585208  | 16425383 | 4.243  | 22.212 # |
| 29)                         | L6 AR-1254-4    | 8.360  | 7.193  | 11477353 | 982967   | 10.016 | 1.968 #  |
| 30)                         | L6 AR-1254-5    | 8.792  | 7.621  | 59097949 | 20750586 | 48.597 | 30.394 # |
| 31)                         | L7 AR-1260-1    | 8.237  | 7.092  | 58638354 | 23113862 | 56.237 | 49.579   |
| 32)                         | L7 AR-1260-2    | 8.500  | 7.287  | 71318816 | 32049218 | 56.266 | 50.014   |
| 33)                         | L7 AR-1260-3    | 8.866  | 7.445  | 88054996 | 27680715 | 92.718 | 50.179 # |
| 34)                         | L7 AR-1260-4    | 9.110  | 7.926  | 78987151 | 37682054 | 69.634 | 79.515   |
| 35)                         | L7 AR-1260-5    | 9.453  | 8.172  | 155.6E6  | 81002884 | 65.036 | 61.532   |
| 36)                         | L8 AR-1262-1    | 8.866  | 7.621  | 88054996 | 20750586 | 62.749 | 57.767   |
| 37)                         | L8 AR-1262-2    | 9.453  | 8.172  | 155.6E6  | 81002884 | 56.794 | 54.774   |
| 38)                         | L8 AR-1262-3    | 9.786  | 8.459  | 71334380 | 33623879 | 60.420 | 58.227   |
| 39)                         | L8 AR-1262-4    | 9.887  | 8.523  | 83176184 | 55984626 | 60.254 | 54.449   |
| 40)                         | L8 AR-1262-5    | 10.601 | 9.025  | 62355330 | 25517778 | 62.682 | 54.085   |
| 41)                         | L9 AR-1268-1    | 9.786  | 8.459  | 71334380 | 33623879 | 22.767 | 19.662   |
| 42)                         | L9 AR-1268-2    | 9.887  | 8.523  | 83176184 | 55984626 | 28.329 | 37.193 # |
| 43)                         | L9 AR-1268-3    | 10.132 | 8.734  | 6383994  | 2419603  | 2.518  | 1.877 #  |
| 44)                         | L9 AR-1268-4    | 10.601 | 9.025  | 62355330 | 25517778 | 57.450 | 49.857   |
| 45)                         | L9 AR-1268-5    | 11.049 | 9.323  | 27036765 | 9879633  | 3.005  | 2.547    |
| -----                       |                 |        |        |          |          |        |          |

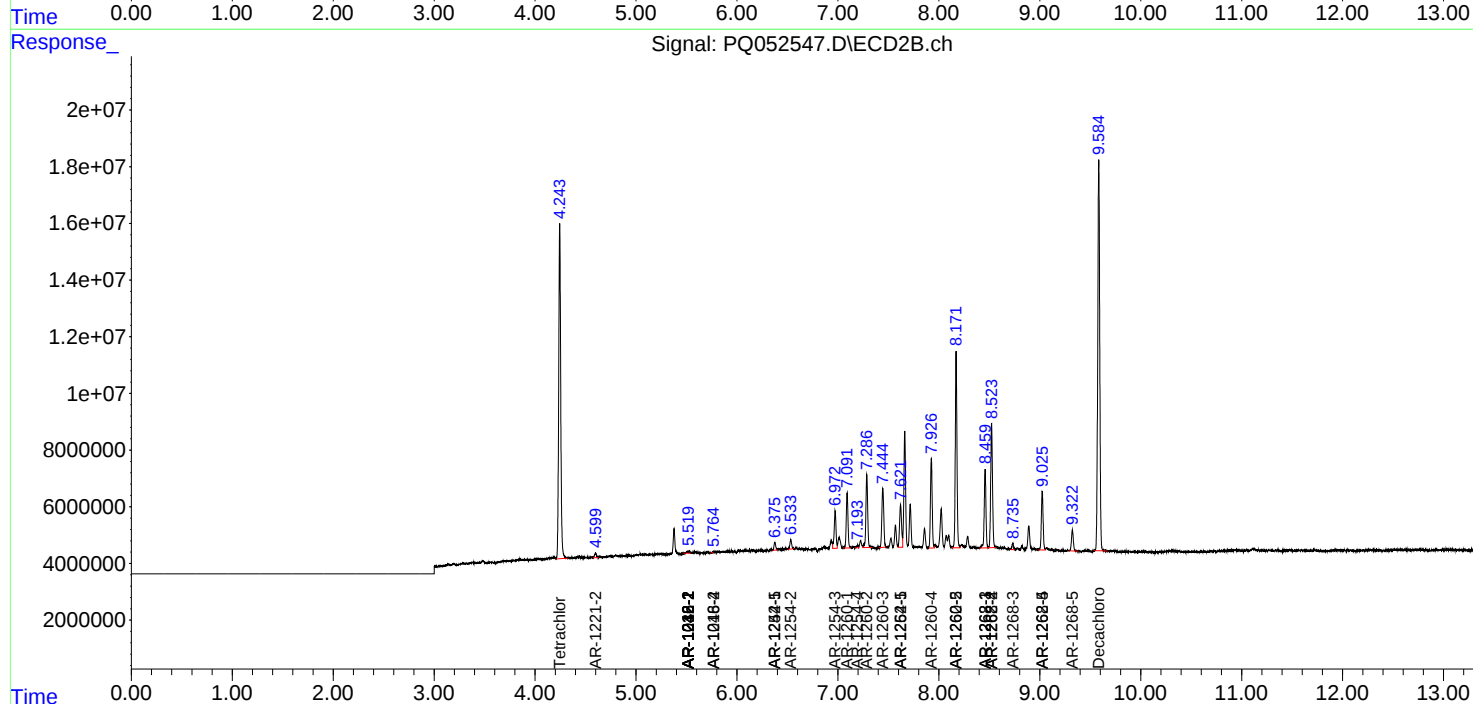
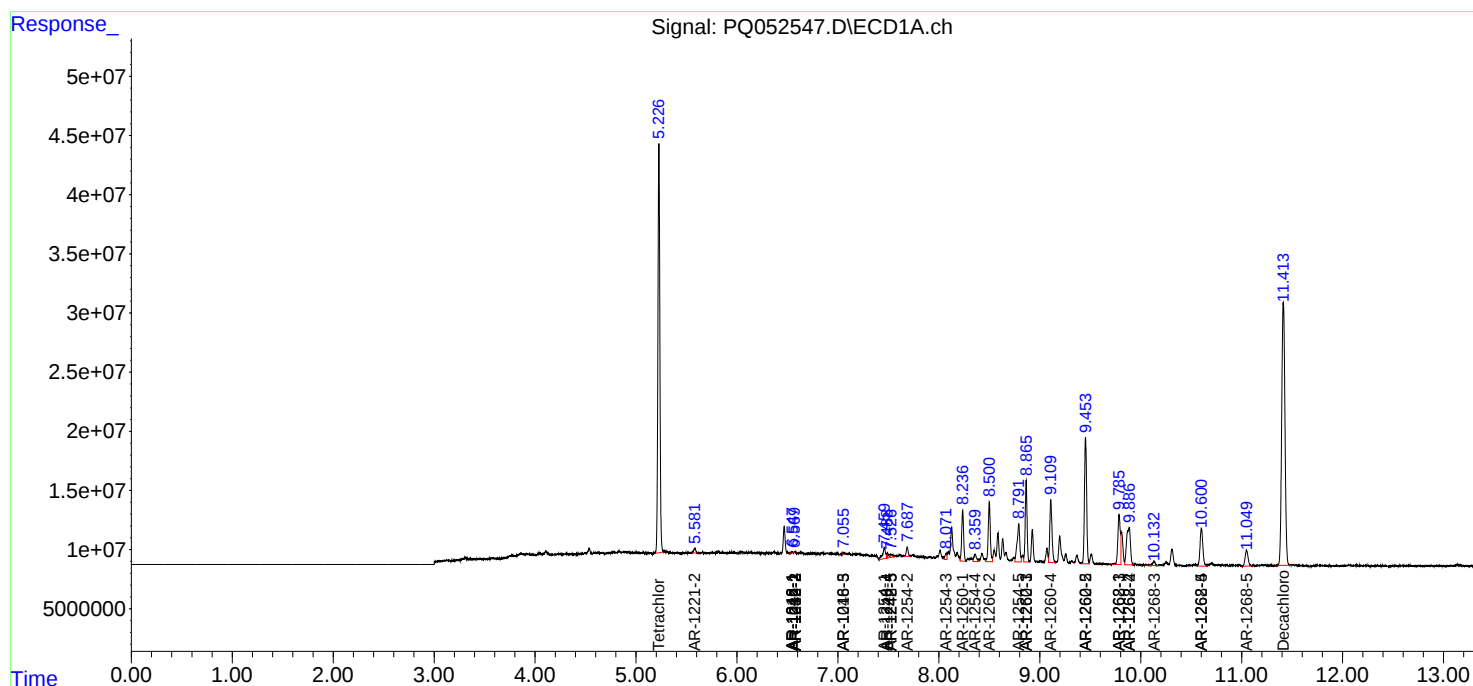
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

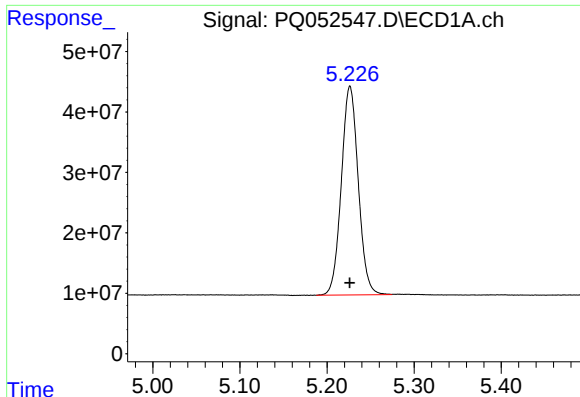
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031121\  
Data File : PQ052547.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Mar 2021 18:56  
Operator : DD\AJ  
Sample : M1458-08  
Misc : AR1262 LOQ 50 PPB  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 06:09:22 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ031021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Mar 11 04:11:59 2021  
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

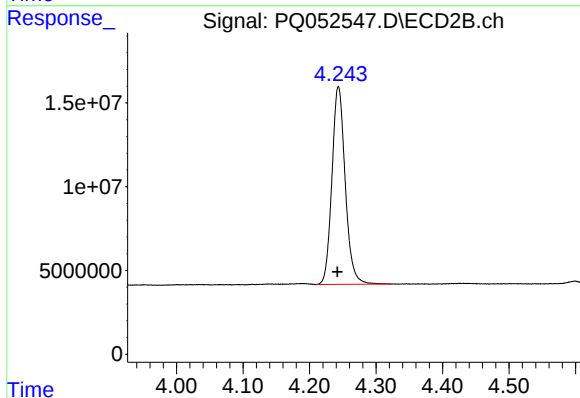




#1 Tetrachloro-m-xylene

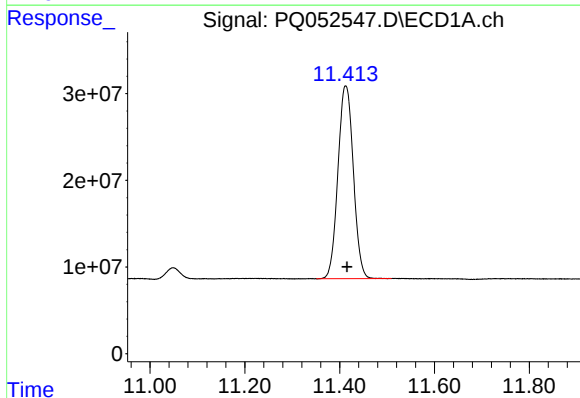
R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 466754661  
Conc: 18.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



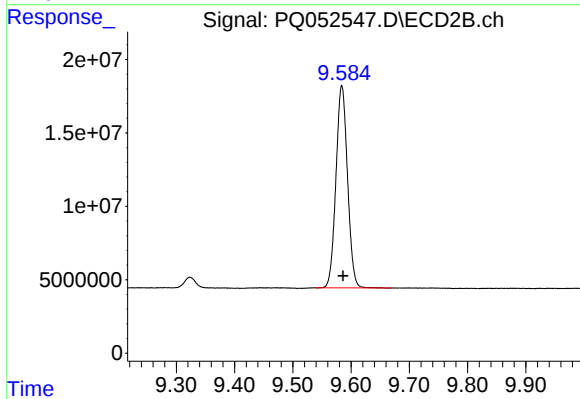
#1 Tetrachloro-m-xylene

R.T.: 4.243 min  
Delta R.T.: 0.002 min  
Response: 164104148  
Conc: 18.04 ng/ml



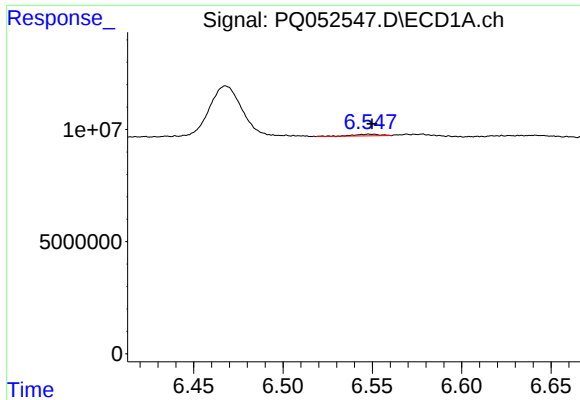
#2 Decachlorobiphenyl

R.T.: 11.413 min  
Delta R.T.: -0.003 min  
Response: 500582277  
Conc: 20.08 ng/ml



#2 Decachlorobiphenyl

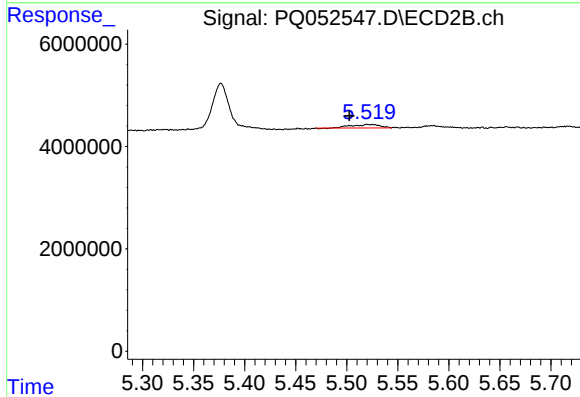
R.T.: 9.584 min  
Delta R.T.: -0.002 min  
Response: 189962612  
Conc: 19.58 ng/ml



#3 AR-1016-1

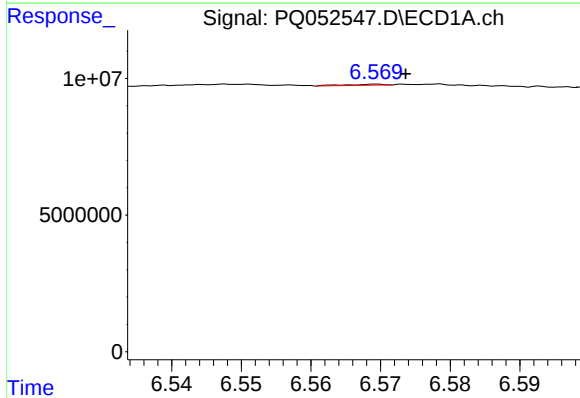
R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 815526  
Conc: 0.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



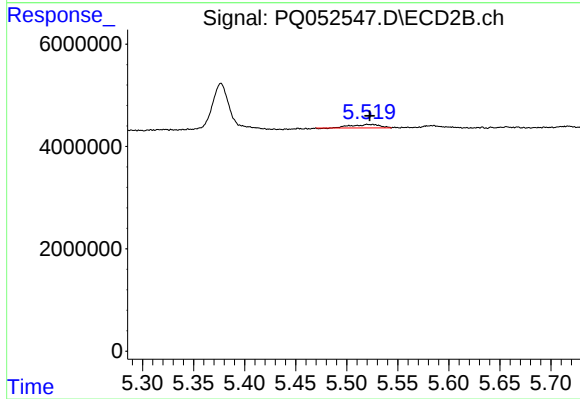
#3 AR-1016-1

R.T.: 5.520 min  
Delta R.T.: 0.017 min  
Response: 1273971  
Conc: 3.94 ng/ml



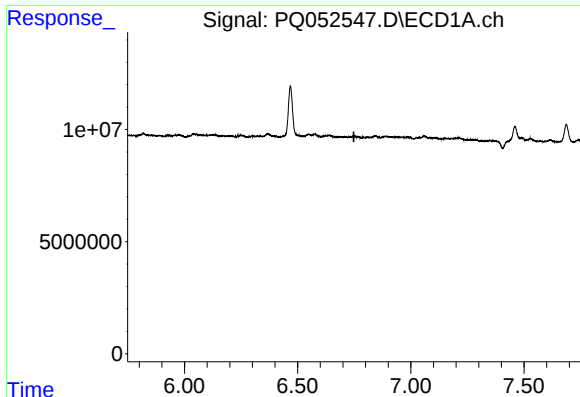
#4 AR-1016-2

R.T.: 6.569 min  
Delta R.T.: -0.004 min  
Response: 135944  
Conc: 0.11 ng/ml



#4 AR-1016-2

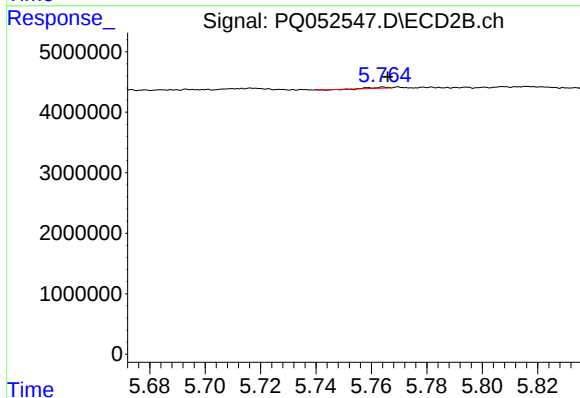
R.T.: 5.520 min  
Delta R.T.: -0.003 min  
Response: 1273971  
Conc: 2.70 ng/ml



#6 AR-1016-4

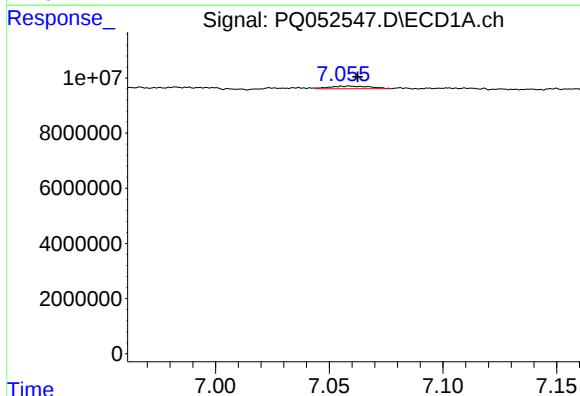
R.T.: 0.000 min  
Exp R.T.: 6.749 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



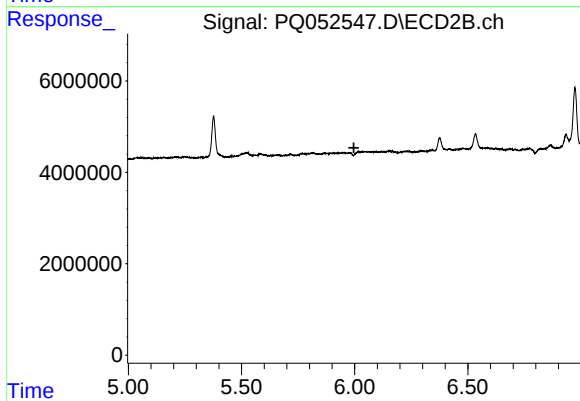
#6 AR-1016-4

R.T.: 5.764 min  
Delta R.T.: -0.002 min  
Response: 47094  
Conc: 0.26 ng/ml



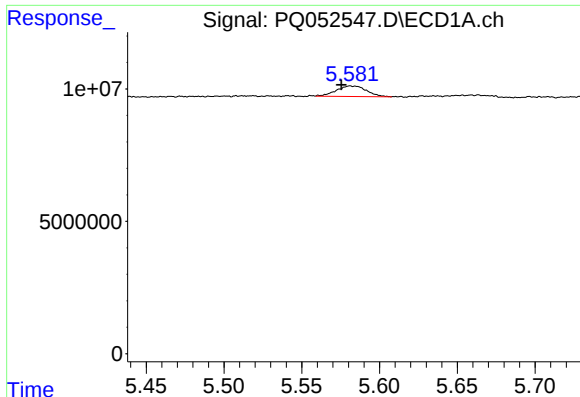
#7 AR-1016-5

R.T.: 7.059 min  
Delta R.T.: -0.004 min  
Response: 1182261  
Conc: 2.03 ng/ml



#7 AR-1016-5

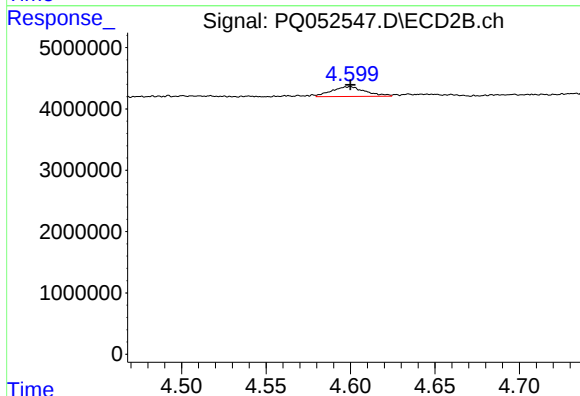
R.T.: 0.000 min  
Exp R.T.: 5.996 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

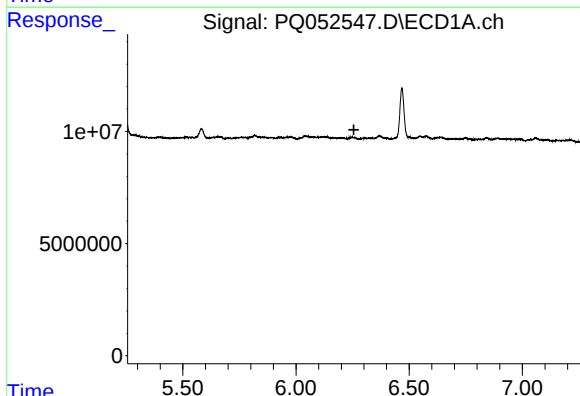
R.T.: 5.581 min  
Delta R.T.: 0.006 min  
Response: 5313355  
Conc: 29.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



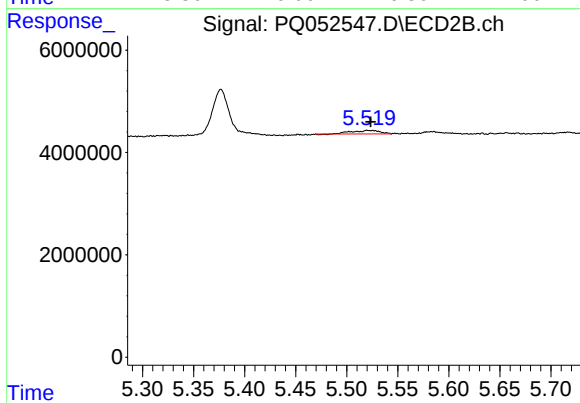
#9 AR-1221-2

R.T.: 4.600 min  
Delta R.T.: 0.000 min  
Response: 2195725  
Conc: 33.06 ng/ml



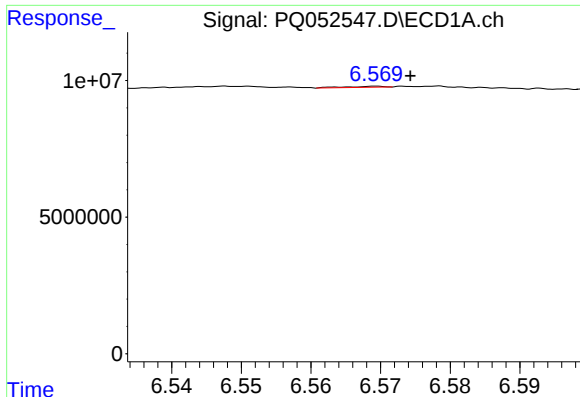
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 6.256 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

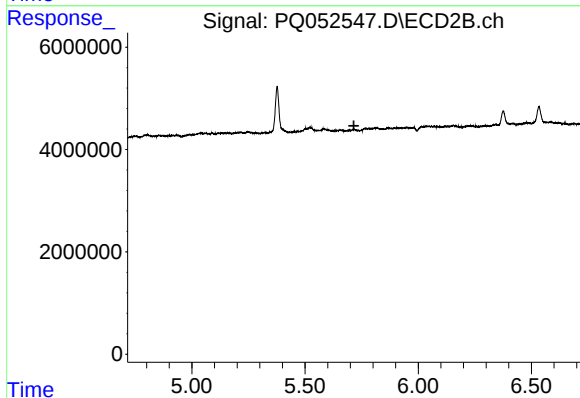
R.T.: 5.520 min  
Delta R.T.: -0.004 min  
Response: 1273971  
Conc: 6.59 ng/ml



#13 AR-1232-3

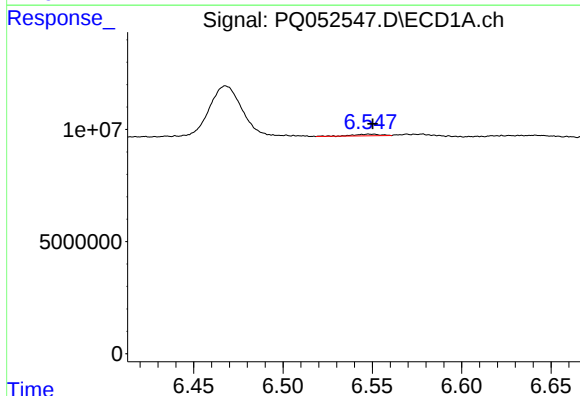
R.T.: 6.569 min  
Delta R.T.: -0.005 min  
Response: 135944  
Conc: 0.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



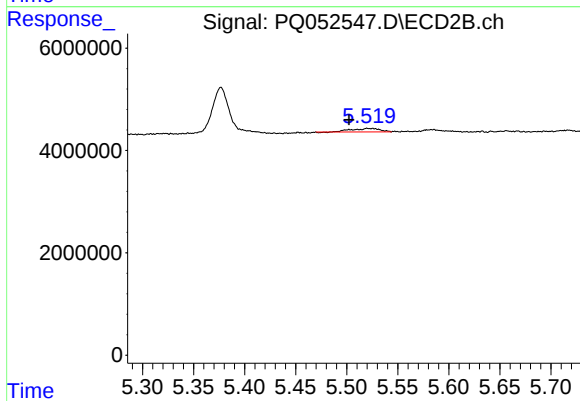
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.716 min  
Response: 0  
Conc: N.D.



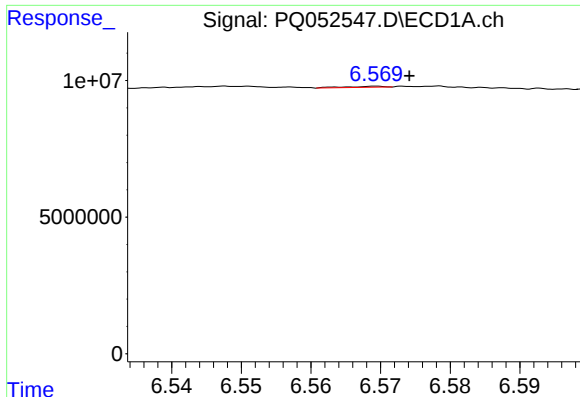
#16 AR-1242-1

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 815526  
Conc: 1.26 ng/ml



#16 AR-1242-1

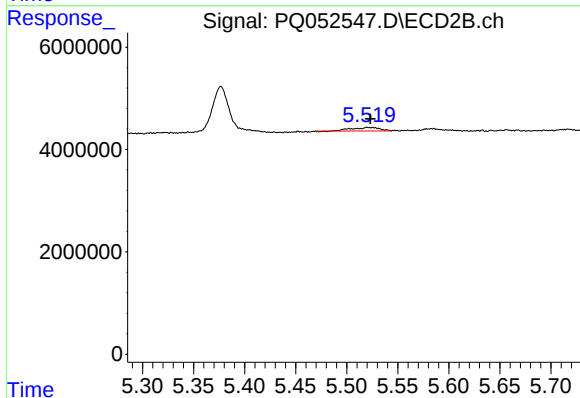
R.T.: 5.520 min  
Delta R.T.: 0.018 min  
Response: 1273971  
Conc: 5.18 ng/ml



#17 AR-1242-2

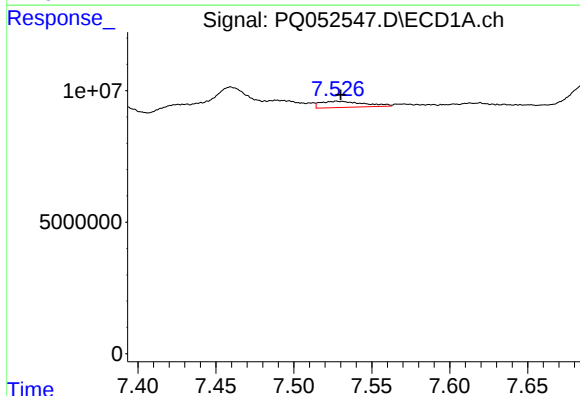
R.T.: 6.569 min  
Delta R.T.: -0.005 min  
Response: 135944  
Conc: 0.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



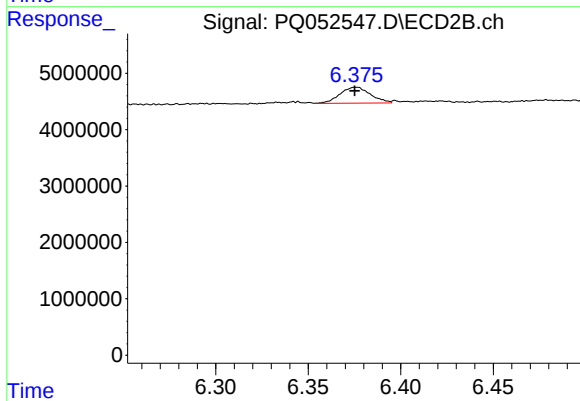
#17 AR-1242-2

R.T.: 5.520 min  
Delta R.T.: -0.003 min  
Response: 1273971  
Conc: 3.63 ng/ml



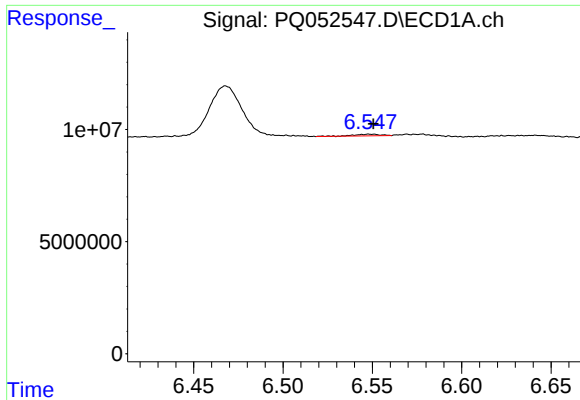
#20 AR-1242-5

R.T.: 7.527 min  
Delta R.T.: -0.003 min  
Response: 4498560  
Conc: 8.54 ng/ml



#20 AR-1242-5

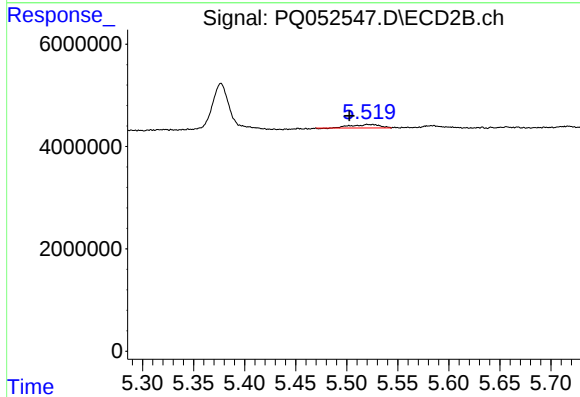
R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 3222607  
Conc: 13.55 ng/ml



#21 AR-1248-1

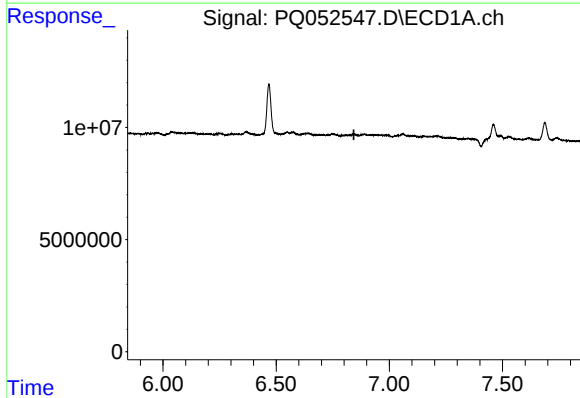
R.T.: 6.548 min  
Delta R.T.: -0.003 min  
Response: 815526  
Conc: 1.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



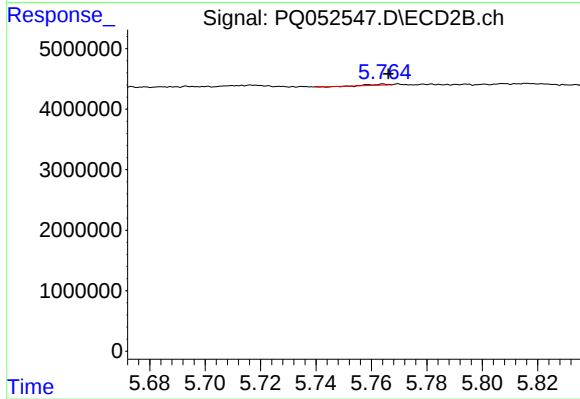
#21 AR-1248-1

R.T.: 5.520 min  
Delta R.T.: 0.017 min  
Response: 1273971  
Conc: 6.87 ng/ml



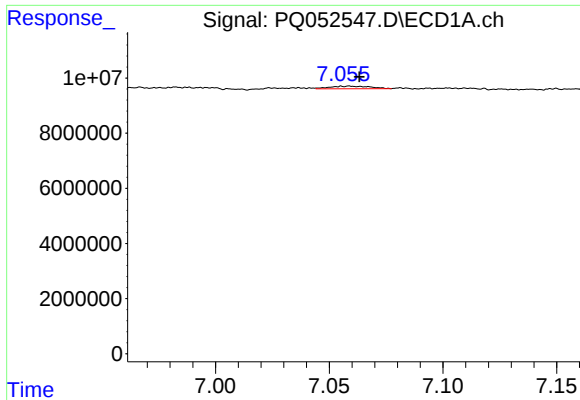
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.844 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

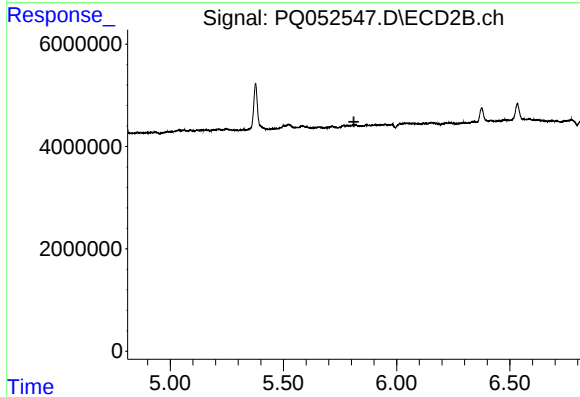
R.T.: 5.764 min  
Delta R.T.: -0.002 min  
Response: 47094  
Conc: 0.19 ng/ml



#23 AR-1248-3

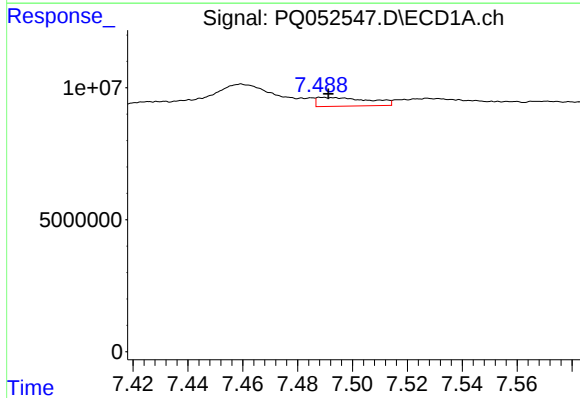
R.T.: 7.059 min  
Delta R.T.: -0.004 min  
Response: 1182261  
Conc: 1.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



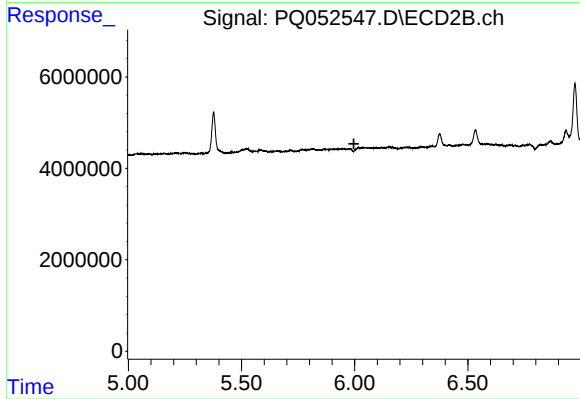
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.811 min  
Response: 0  
Conc: N.D.



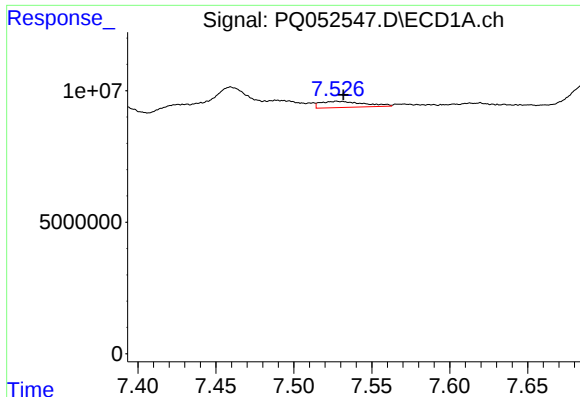
#24 AR-1248-4

R.T.: 7.489 min  
Delta R.T.: -0.002 min  
Response: 4345595  
Conc: 4.72 ng/ml



#24 AR-1248-4

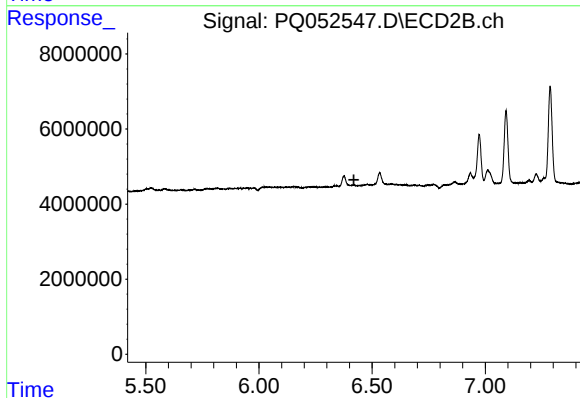
R.T.: 0.000 min  
Exp R.T. : 5.997 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

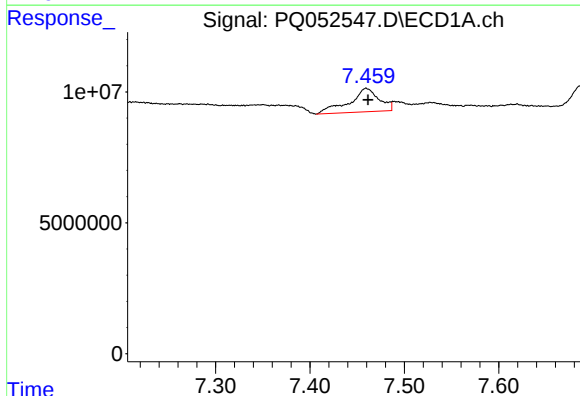
R.T.: 7.527 min  
Delta R.T.: -0.004 min  
Response: 4498560  
Conc: 4.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



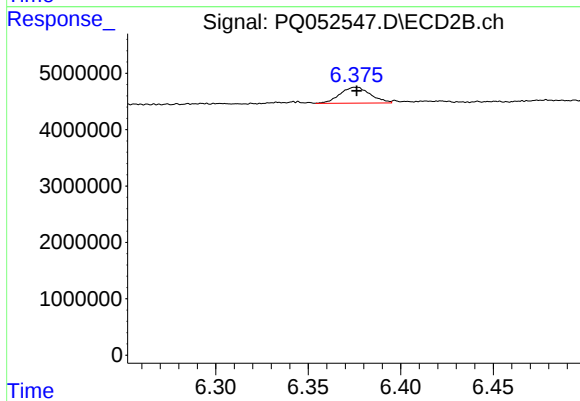
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.419 min  
Response: 0  
Conc: N.D.



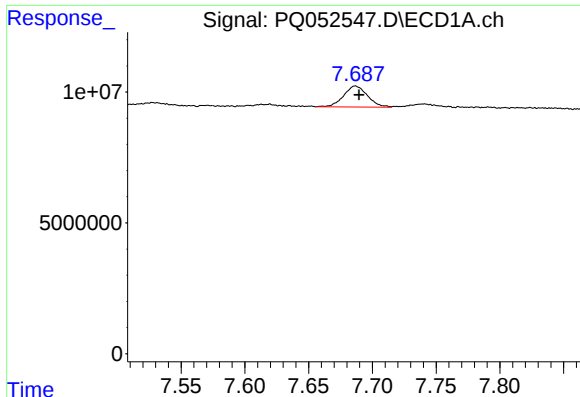
#26 AR-1254-1

R.T.: 7.459 min  
Delta R.T.: -0.002 min  
Response: 19672693  
Conc: 21.87 ng/ml



#26 AR-1254-1

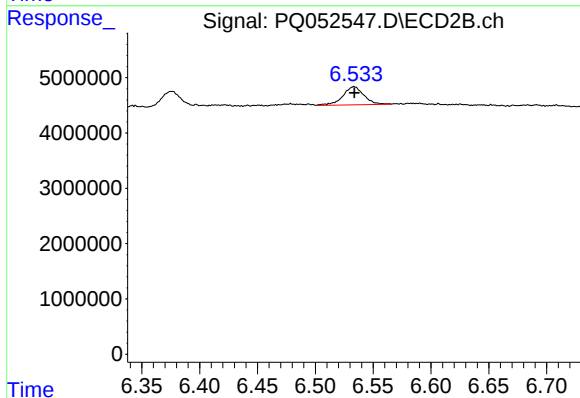
R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 3222607  
Conc: 6.26 ng/ml



#27 AR-1254-2

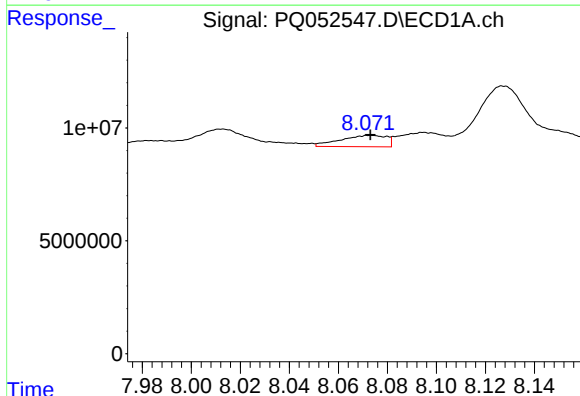
R.T.: 7.687 min  
Delta R.T.: -0.003 min  
Response: 10463566  
Conc: 7.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



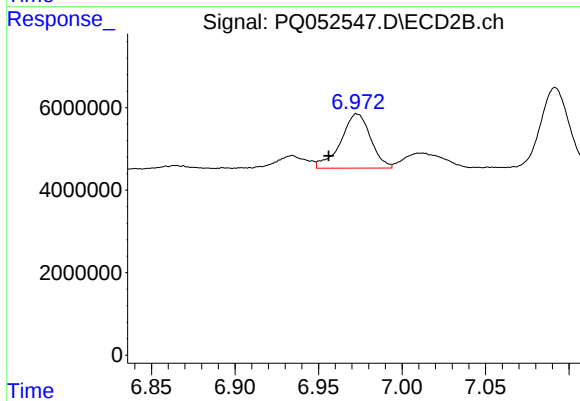
#27 AR-1254-2

R.T.: 6.533 min  
Delta R.T.: 0.000 min  
Response: 4125419  
Conc: 9.22 ng/ml



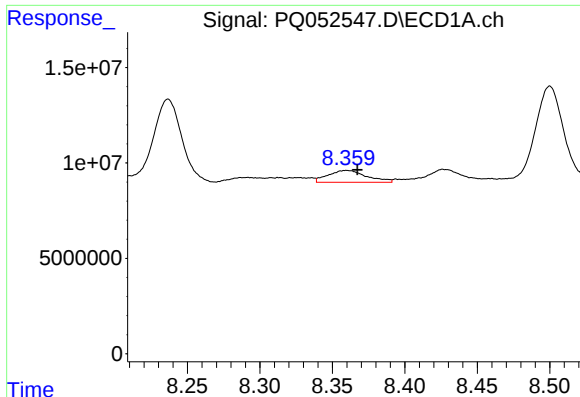
#28 AR-1254-3

R.T.: 8.073 min  
Delta R.T.: 0.000 min  
Response: 6585208  
Conc: 4.24 ng/ml



#28 AR-1254-3

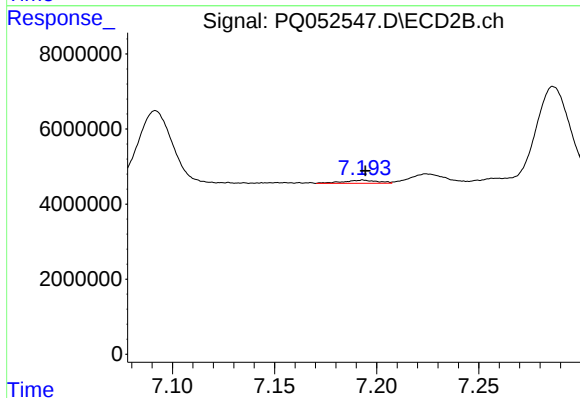
R.T.: 6.973 min  
Delta R.T.: 0.017 min  
Response: 16425383  
Conc: 22.21 ng/ml



#29 AR-1254-4

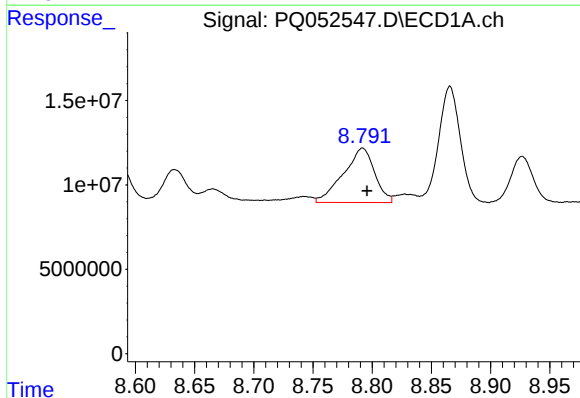
R.T.: 8.360 min  
Delta R.T.: -0.008 min  
Response: 11477353  
Conc: 10.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



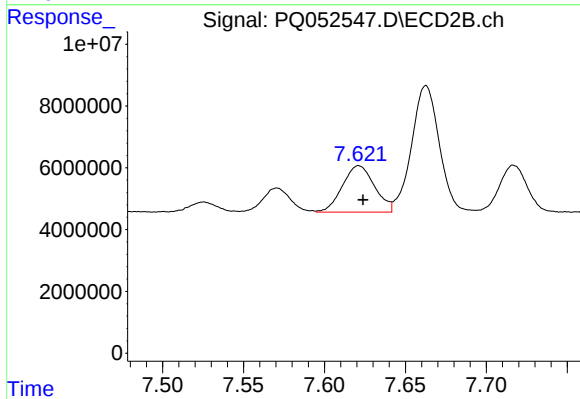
#29 AR-1254-4

R.T.: 7.193 min  
Delta R.T.: -0.001 min  
Response: 982967  
Conc: 1.97 ng/ml



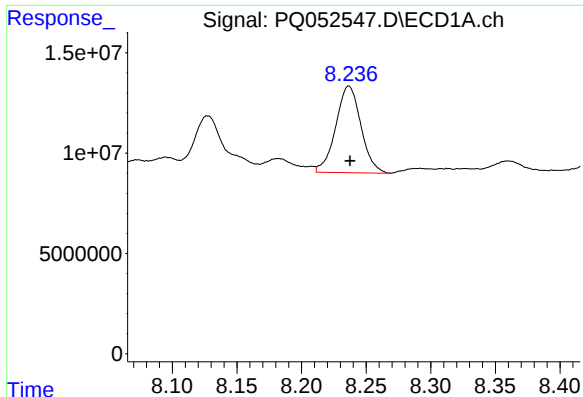
#30 AR-1254-5

R.T.: 8.792 min  
Delta R.T.: -0.004 min  
Response: 59097949  
Conc: 48.60 ng/ml



#30 AR-1254-5

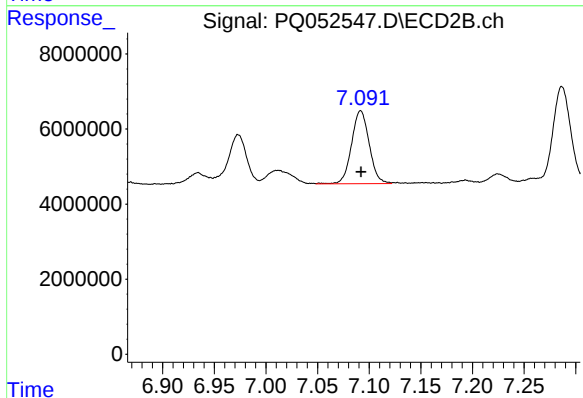
R.T.: 7.621 min  
Delta R.T.: -0.003 min  
Response: 20750586  
Conc: 30.39 ng/ml



#31 AR-1260-1

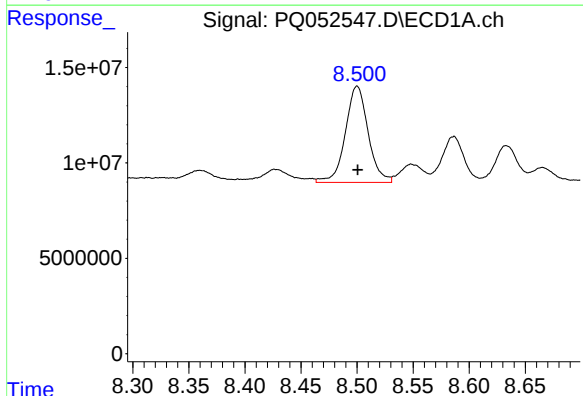
R.T.: 8.237 min  
Delta R.T.: -0.001 min  
Response: 58638354  
Conc: 56.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



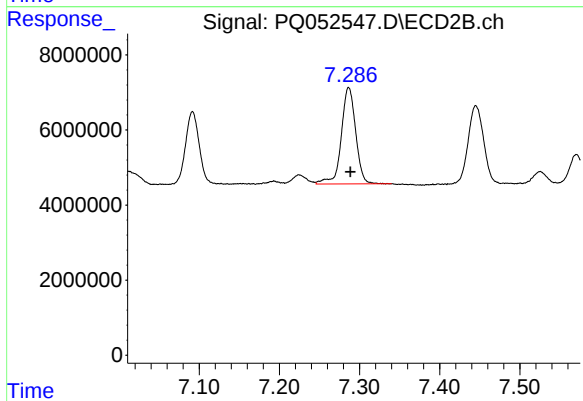
#31 AR-1260-1

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 23113862  
Conc: 49.58 ng/ml



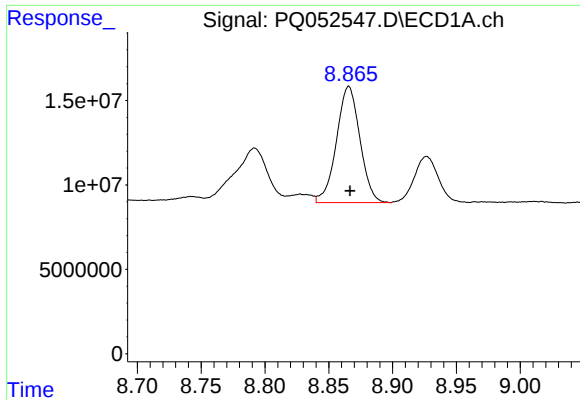
#32 AR-1260-2

R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 71318816  
Conc: 56.27 ng/ml



#32 AR-1260-2

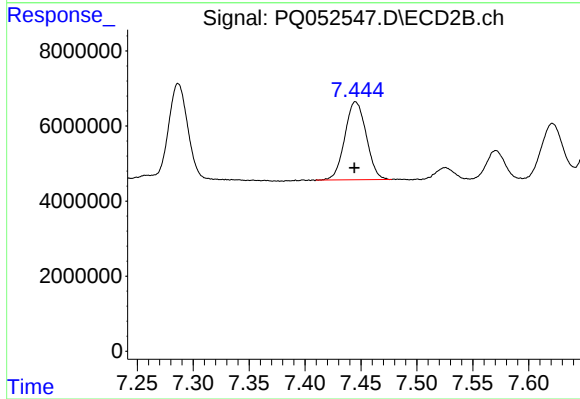
R.T.: 7.287 min  
Delta R.T.: -0.002 min  
Response: 32049218  
Conc: 50.01 ng/ml



#33 AR-1260-3

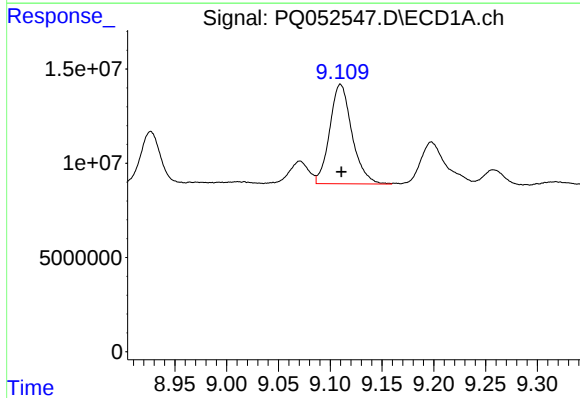
R.T.: 8.866 min  
Delta R.T.: 0.000 min  
Response: 88054996  
Conc: 92.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



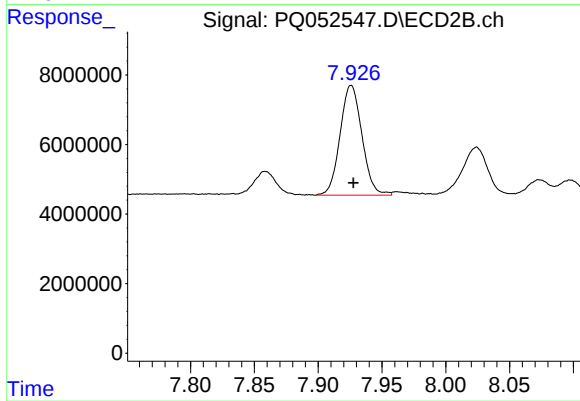
#33 AR-1260-3

R.T.: 7.445 min  
Delta R.T.: 0.000 min  
Response: 27680715  
Conc: 50.18 ng/ml



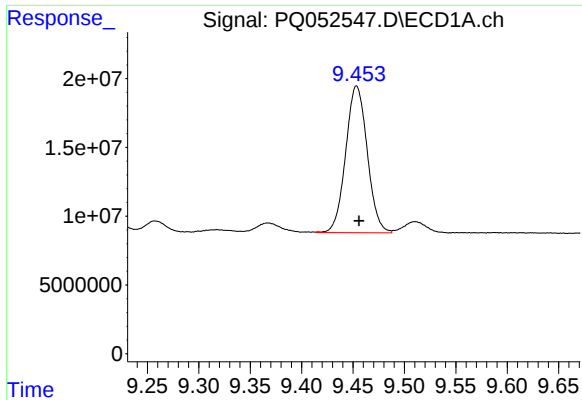
#34 AR-1260-4

R.T.: 9.110 min  
Delta R.T.: 0.000 min  
Response: 78987151  
Conc: 69.63 ng/ml



#34 AR-1260-4

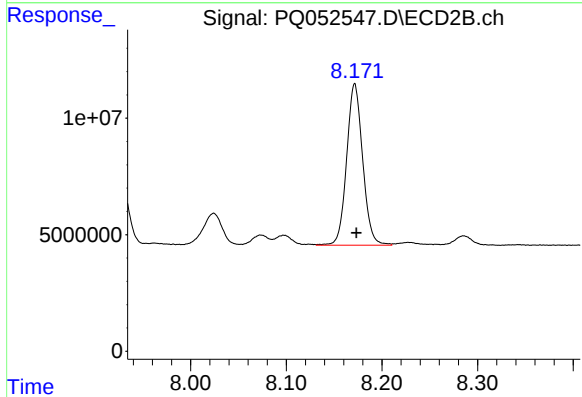
R.T.: 7.926 min  
Delta R.T.: -0.002 min  
Response: 37682054  
Conc: 79.51 ng/ml



#35 AR-1260-5

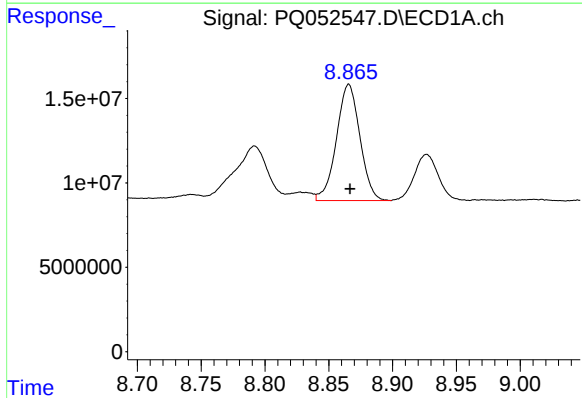
R.T.: 9.453 min  
Delta R.T.: -0.002 min  
Response: 155595194  
Conc: 65.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



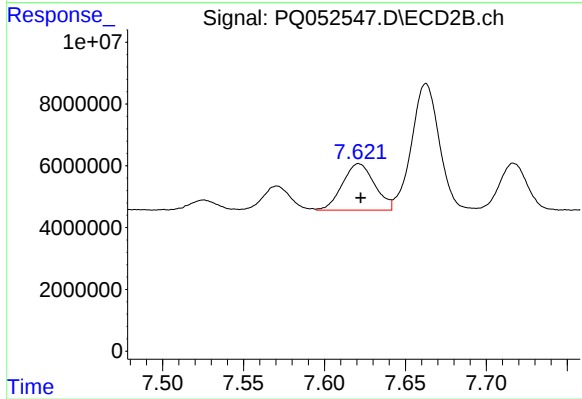
#35 AR-1260-5

R.T.: 8.172 min  
Delta R.T.: -0.002 min  
Response: 81002884  
Conc: 61.53 ng/ml



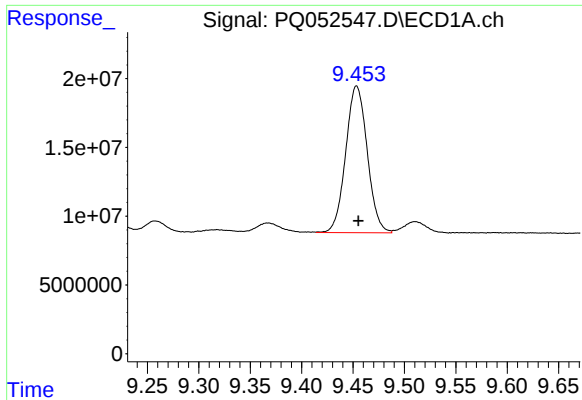
#36 AR-1262-1

R.T.: 8.866 min  
Delta R.T.: -0.001 min  
Response: 88054996  
Conc: 62.75 ng/ml



#36 AR-1262-1

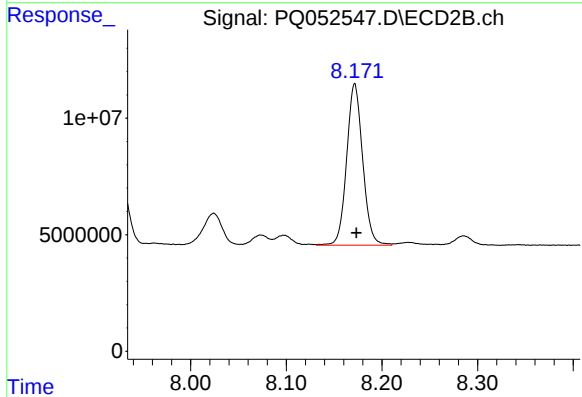
R.T.: 7.621 min  
Delta R.T.: -0.001 min  
Response: 20750586  
Conc: 57.77 ng/ml



#37 AR-1262-2

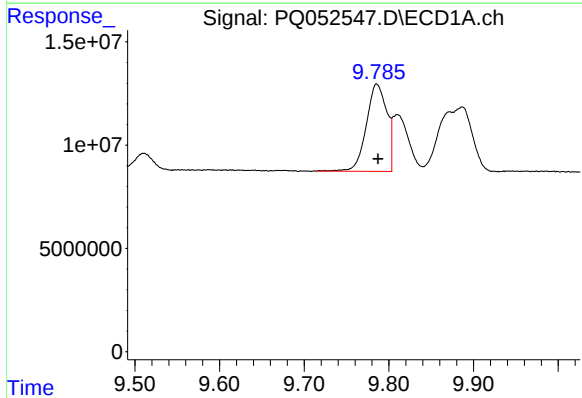
R.T.: 9.453 min  
Delta R.T.: -0.002 min  
Response: 155595194  
Conc: 56.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



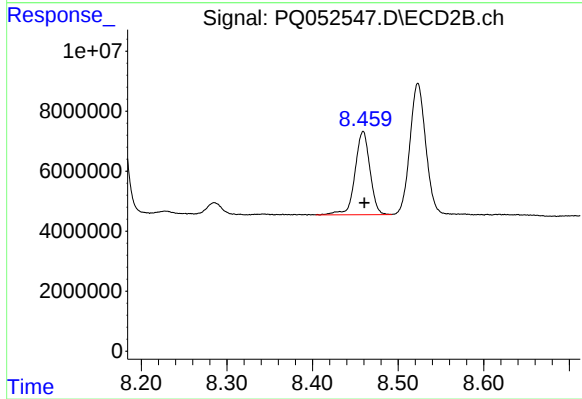
#37 AR-1262-2

R.T.: 8.172 min  
Delta R.T.: -0.002 min  
Response: 81002884  
Conc: 54.77 ng/ml



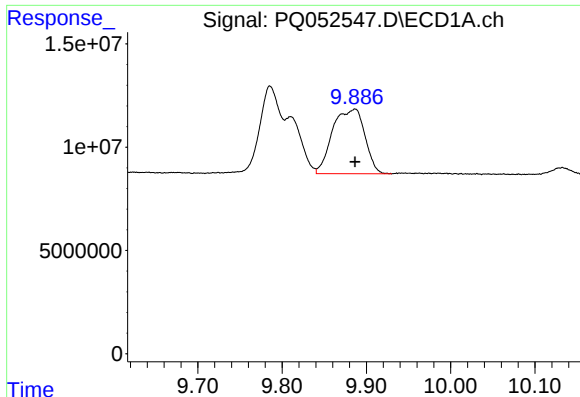
#38 AR-1262-3

R.T.: 9.786 min  
Delta R.T.: -0.002 min  
Response: 71334380  
Conc: 60.42 ng/ml



#38 AR-1262-3

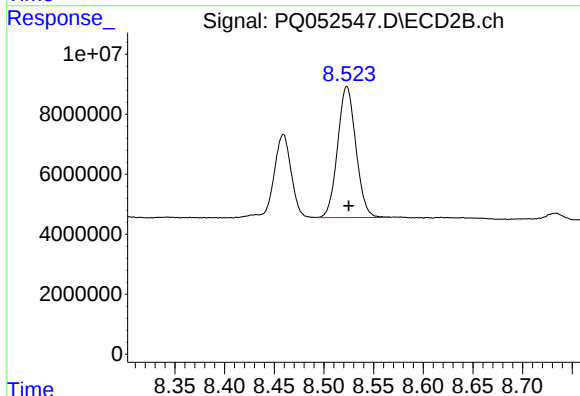
R.T.: 8.459 min  
Delta R.T.: -0.001 min  
Response: 33623879  
Conc: 58.23 ng/ml



#39 AR-1262-4

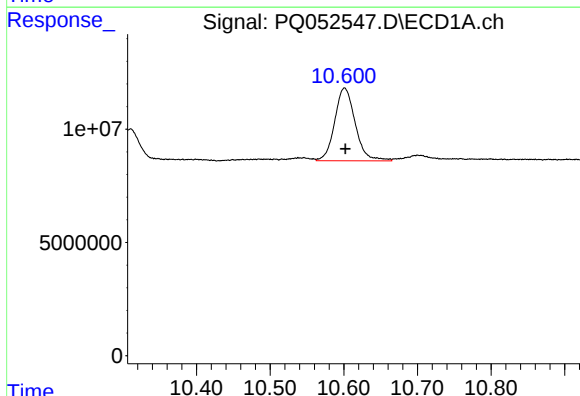
R.T.: 9.887 min  
Delta R.T.: 0.000 min  
Response: 83176184  
Conc: 60.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



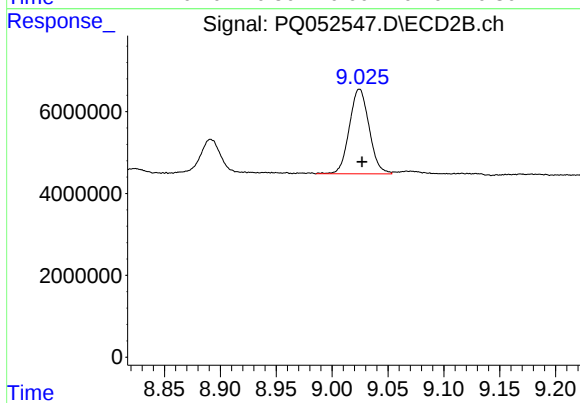
#39 AR-1262-4

R.T.: 8.523 min  
Delta R.T.: -0.002 min  
Response: 55984626  
Conc: 54.45 ng/ml



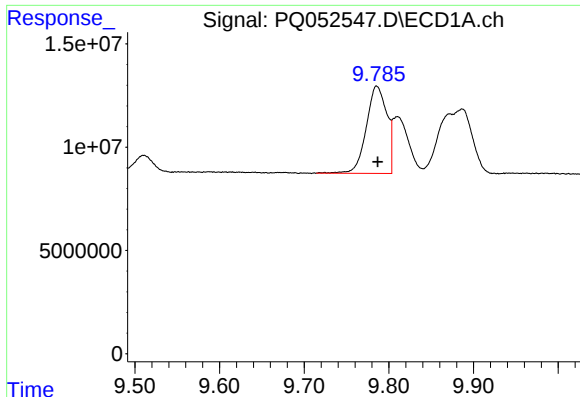
#40 AR-1262-5

R.T.: 10.601 min  
Delta R.T.: -0.001 min  
Response: 62355330  
Conc: 62.68 ng/ml



#40 AR-1262-5

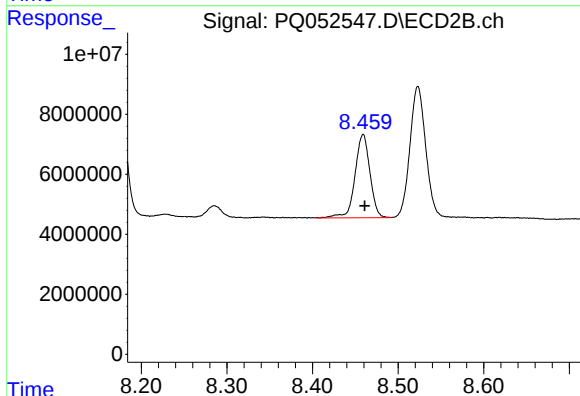
R.T.: 9.025 min  
Delta R.T.: -0.002 min  
Response: 25517778  
Conc: 54.09 ng/ml



#41 AR-1268-1

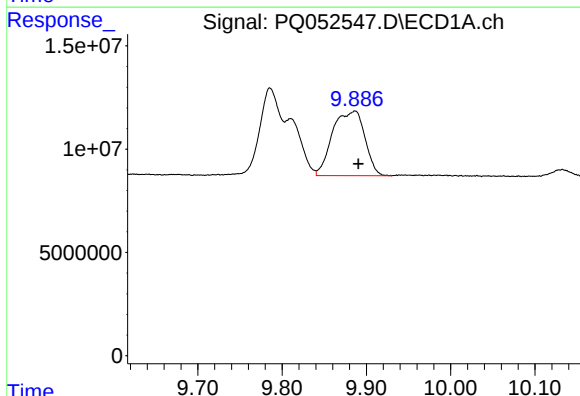
R.T.: 9.786 min  
Delta R.T.: -0.001 min  
Response: 71334380  
Conc: 22.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



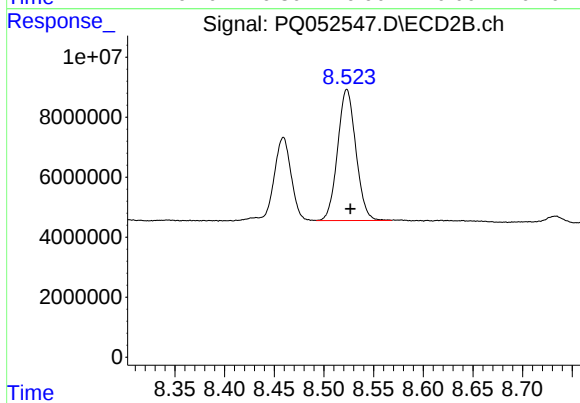
#41 AR-1268-1

R.T.: 8.459 min  
Delta R.T.: -0.001 min  
Response: 33623879  
Conc: 19.66 ng/ml



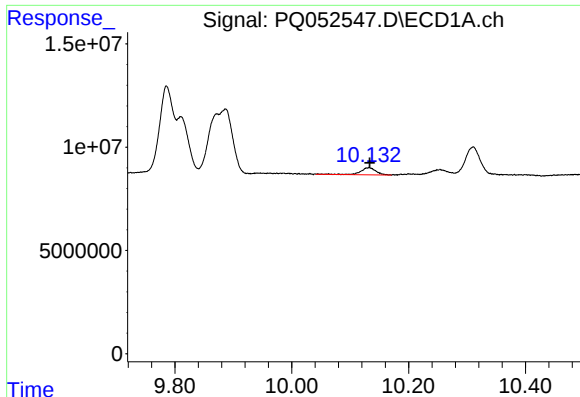
#42 AR-1268-2

R.T.: 9.887 min  
Delta R.T.: -0.004 min  
Response: 83176184  
Conc: 28.33 ng/ml



#42 AR-1268-2

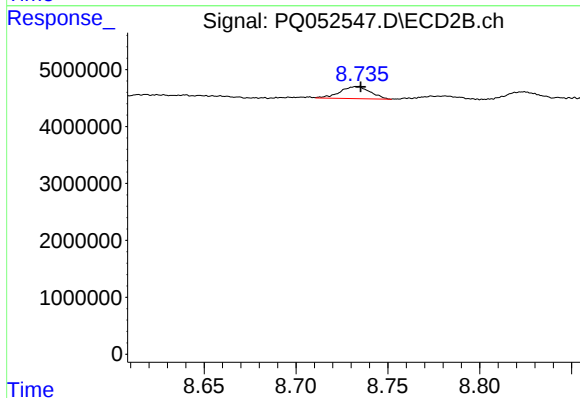
R.T.: 8.523 min  
Delta R.T.: -0.004 min  
Response: 55984626  
Conc: 37.19 ng/ml



#43 AR-1268-3

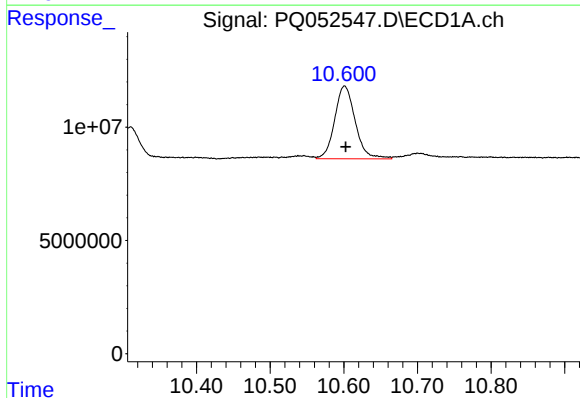
R.T.: 10.132 min  
Delta R.T.: -0.001 min  
Response: 6383994  
Conc: 2.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



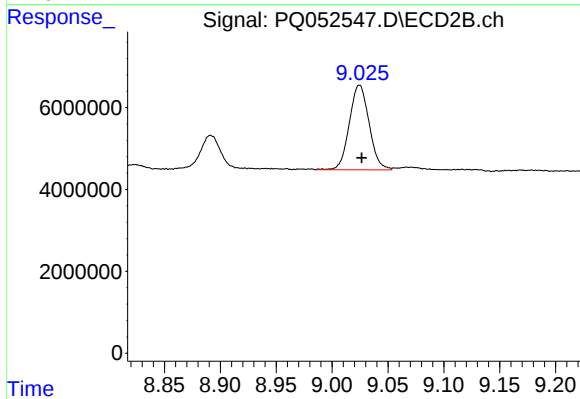
#43 AR-1268-3

R.T.: 8.734 min  
Delta R.T.: -0.001 min  
Response: 2419603  
Conc: 1.88 ng/ml



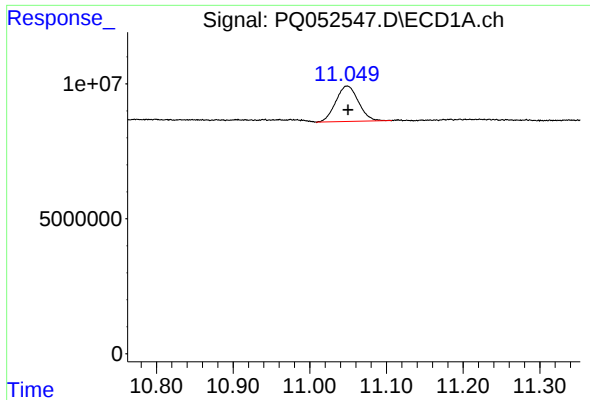
#44 AR-1268-4

R.T.: 10.601 min  
Delta R.T.: -0.002 min  
Response: 62355330  
Conc: 57.45 ng/ml



#44 AR-1268-4

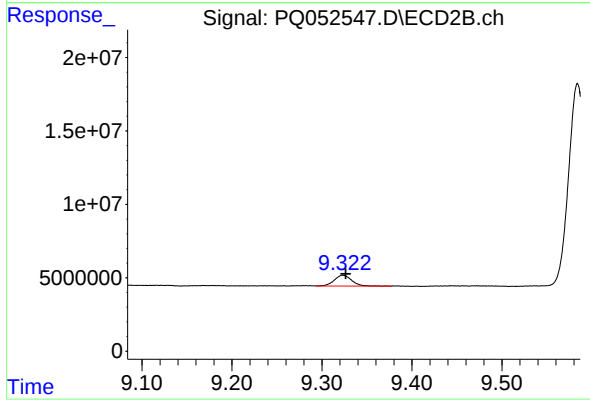
R.T.: 9.025 min  
Delta R.T.: -0.002 min  
Response: 25517778  
Conc: 49.86 ng/ml



#45 AR-1268-5

R.T.: 11.049 min  
Delta R.T.: -0.001 min  
Response: 27036765  
Conc: 3.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.323 min  
Delta R.T.: -0.003 min  
Response: 9879633  
Conc: 2.55 ng/ml