

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051521\  
 Data File : PQ053519.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2021 10:16  
 Operator : DD\AJ  
 Sample : M2262-03  
 Misc : AR1232 MDL 25 PPB  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 17:38:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ051321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 14 03:47:40 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... | 5.222  | 4.237  | 579.5E6  | 247.4E6  | 20.074 | 19.200    |
| 2)                          | SA Decachlor... | 11.409 | 9.574  | 621.3E6  | 299.1E6  | 20.804 | 21.066    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 6.548  | 5.496  | 10765954 | 3845612  | 10.872 | 8.449     |
| 4)                          | L1 AR-1016-2    | 6.572  | 5.517  | 14346427 | 5887479  | 9.318  | 8.689     |
| 5)                          | L1 AR-1016-3    | 6.638  | 5.709  | 12660146 | 2969136  | 13.824 | 8.577 #   |
| 6)                          | L1 AR-1016-4    | 6.747  | 5.758  | 8420861  | 2423282  | 11.427 | 8.567 #   |
| 7)                          | L1 AR-1016-5    | 7.058  | 5.989  | 9100311  | 2562798  | 12.616 | 7.100 #   |
| 8)                          | L2 AR-1221-1    | 5.473  | 4.494  | 3297066  | 2111342  | 11.301 | 15.786 #  |
| 9)                          | L2 AR-1221-2    | 5.575  | 4.570f | 18038917 | 18667364 | 84.931 | 186.113 # |
| 10)                         | L2 AR-1221-3    | 5.659  | 4.683  | 21006300 | 6277446  | 30.098 | 19.250 #  |
| 11)                         | L3 AR-1232-1    | 5.659  | 4.683  | 21006300 | 6277446  | 40.766 | 26.467 #  |
| 12)                         | L3 AR-1232-2    | 6.251  | 5.517  | 12230032 | 5887479  | 43.920 | 23.275 #  |
| 13)                         | L3 AR-1232-3    | 6.572  | 5.709  | 14346427 | 2969136  | 24.436 | 23.351    |
| 14)                         | L3 AR-1232-4    | 6.747  | 5.804  | 8420861  | 2377535  | 30.851 | 21.197 #  |
| 15)                         | L3 AR-1232-5    | 6.841  | 5.989  | 5606848  | 2562798  | 28.193 | 20.853 #  |
| 16)                         | L4 AR-1242-1    | 6.548  | 5.496  | 10765954 | 3845612  | 15.404 | 11.981    |
| 17)                         | L4 AR-1242-2    | 6.572  | 5.517  | 14346427 | 5887479  | 13.242 | 12.462    |
| 18)                         | L4 AR-1242-3    | 6.638  | 5.709  | 12660146 | 2969136  | 19.496 | 12.202 #  |
| 19)                         | L4 AR-1242-4    | 6.747  | 5.804  | 8420861  | 2377535  | 16.084 | 10.034 #  |
| 20)                         | L4 AR-1242-5    | 7.527  | 6.368  | 9716488  | 4072262  | 16.646 | 12.766    |
| 21)                         | L5 AR-1248-1    | 6.548  | 5.496  | 10765954 | 3845612  | 20.687 | 15.908    |
| 22)                         | L5 AR-1248-2    | 6.841  | 5.758  | 5606848  | 2423282  | 7.395  | 7.027     |
| 23)                         | L5 AR-1248-3    | 7.058  | 5.804  | 9100311  | 2377535  | 10.597 | 6.778 #   |
| 24)                         | L5 AR-1248-4    | 7.488  | 5.989  | 7791506  | 2562798  | 8.010  | 5.997 #   |
| 25)                         | L5 AR-1248-5    | 7.527  | 6.412  | 9716488  | 3779391  | 9.939  | 8.912     |
| 26)                         | L6 AR-1254-1    | 7.459  | 6.368  | 5307300  | 4072262  | 5.452  | 6.016     |
| 27)                         | L6 AR-1254-2    | 7.695  | 6.527  | 3693110  | 1624124  | 2.447  | 2.609     |
| 28)                         | L6 AR-1254-3    | 8.067  | 6.948  | 1448496  | 1143157  | 0.927  | 1.151     |
| 29)                         | L6 AR-1254-4    | 8.360  | 0.000  | 4918087  | 0        | 4.240  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.788  | 0.000  | 1600434  | 0        | 1.243  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.108f | 0        | 1083500  | N.D.   | 1.343 #   |
| 32)                         | L7 AR-1260-2    | 8.502  | 7.252f | 2432198  | 1524644  | 1.415  | 1.343     |
| 34)                         | L7 AR-1260-4    | 9.092f | 0.000  | 673927   | 0        | 0.529  | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.882  | 0.000  | 173311   | 0        | 0.102  | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.882  | 0.000  | 173311   | 0        | 0.052  | N.D. #    |
| 43)                         | L9 AR-1268-3    | 10.130 | 8.725  | 1486248  | 1477582  | 0.507  | 0.867 #   |
| 45)                         | L9 AR-1268-5    | 11.046 | 9.315  | 5277957  | 2257346  | 0.565  | 0.466     |
| -----                       |                 |        |        |          |          |        |           |

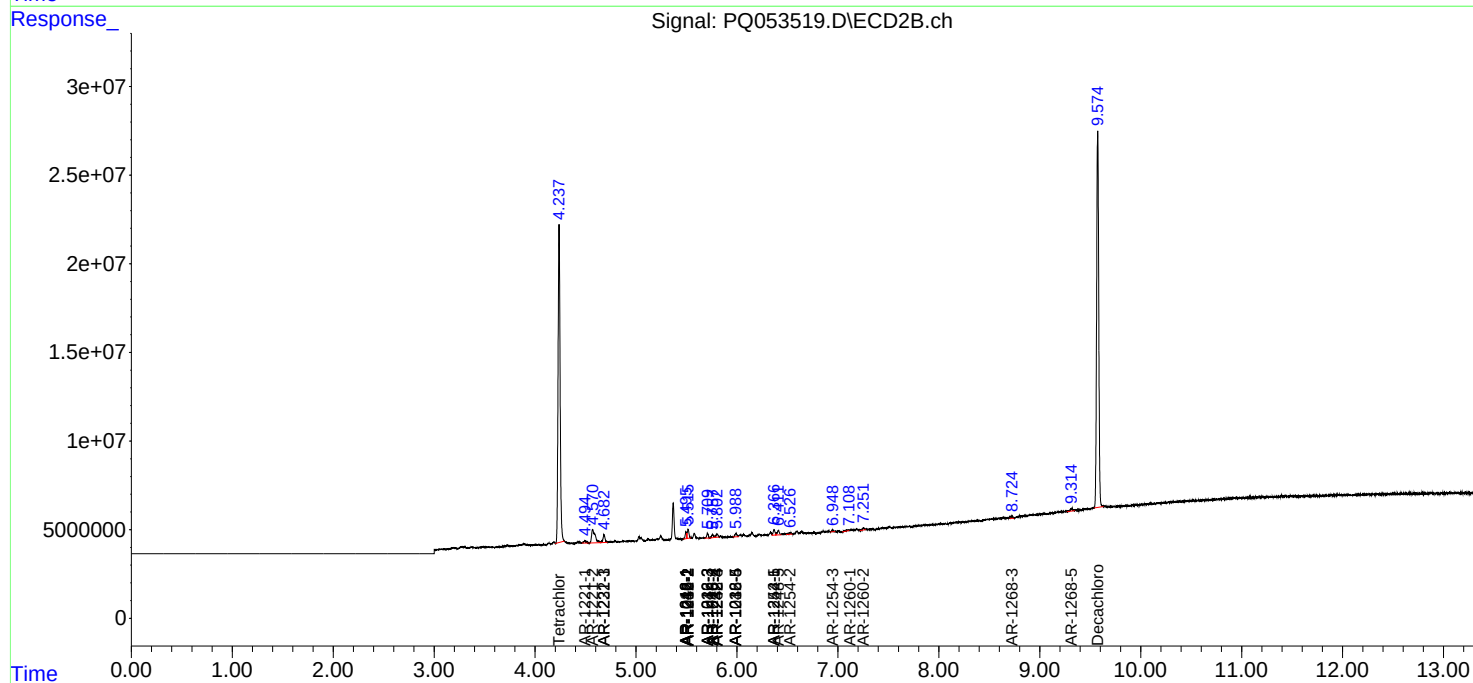
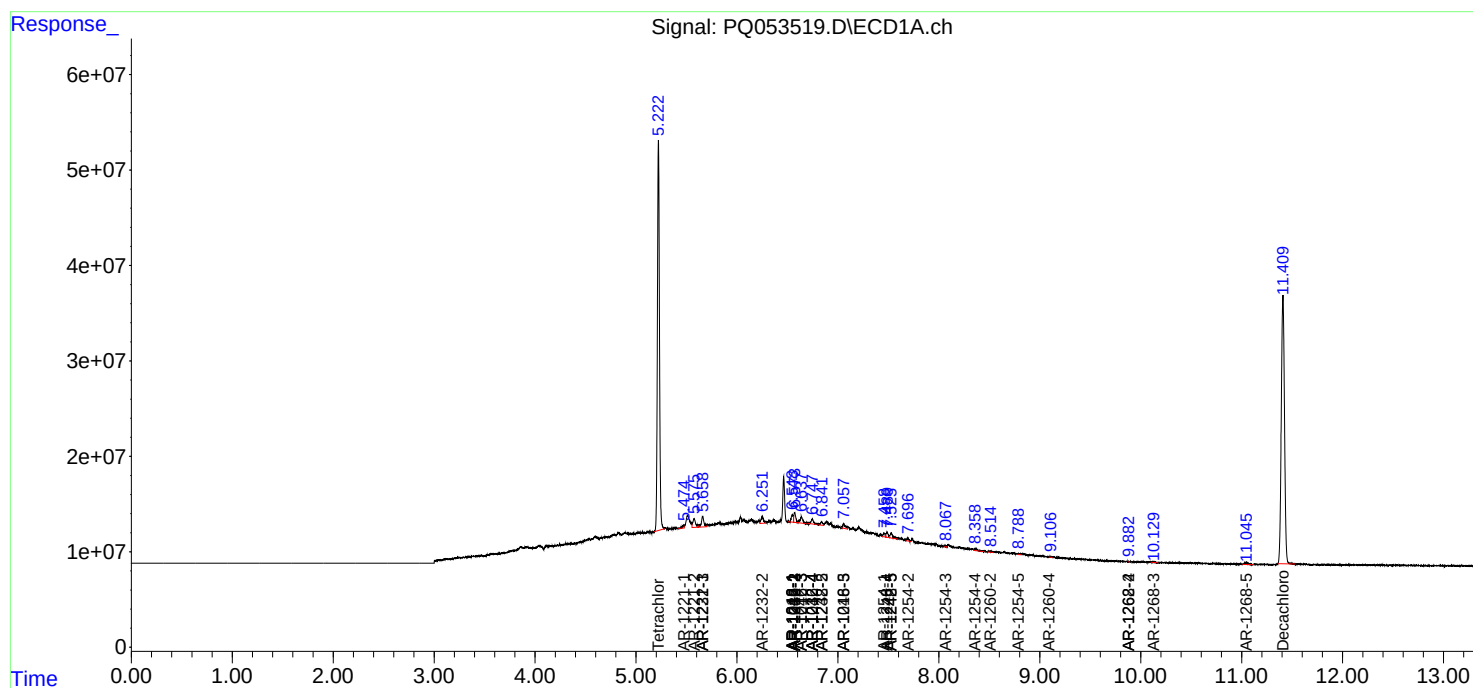
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

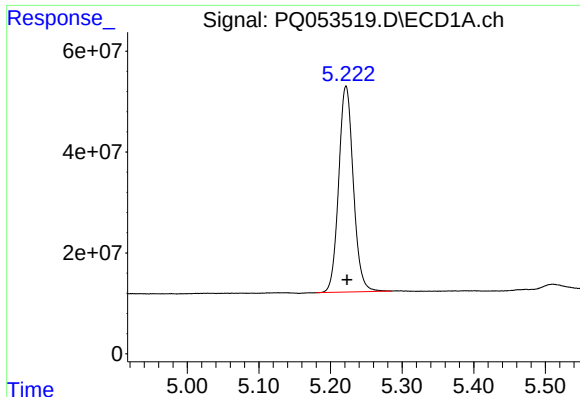
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051521\  
Data File : PQ053519.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2021 10:16  
Operator : DD\AJ  
Sample : M2262-03  
Misc : AR1232 MDL 25 PPB  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 17:38:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ051321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 14 03:47:40 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

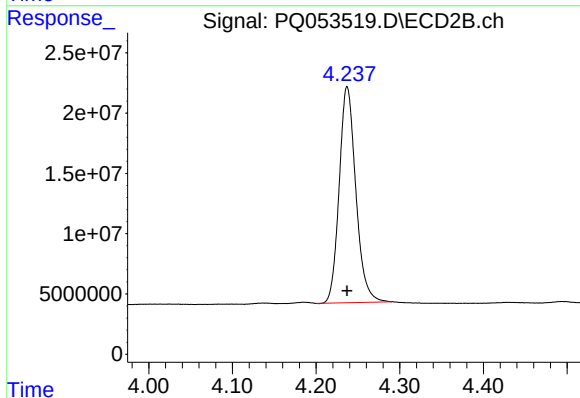




#1 Tetrachloro-m-xylene

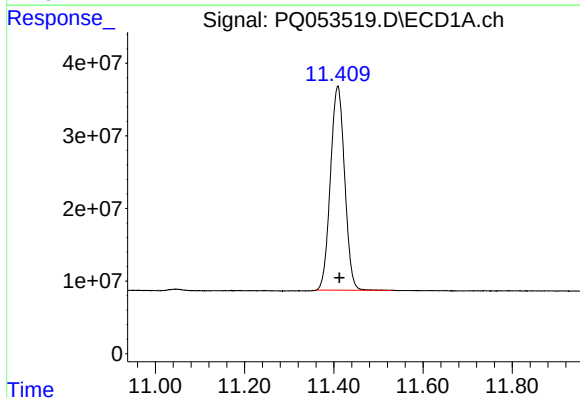
R.T.: 5.222 min  
Delta R.T.: -0.001 min  
Response: 579529027  
Conc: 20.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



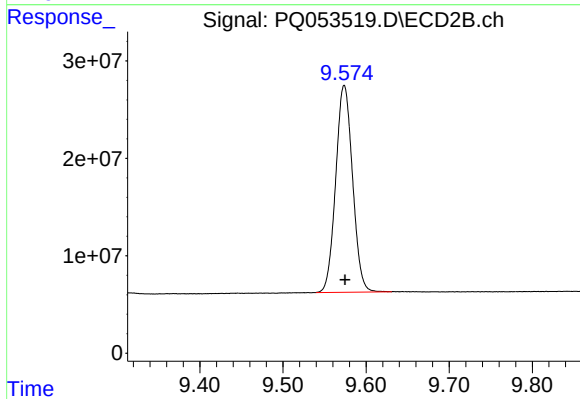
#1 Tetrachloro-m-xylene

R.T.: 4.237 min  
Delta R.T.: 0.000 min  
Response: 247383379  
Conc: 19.20 ng/ml



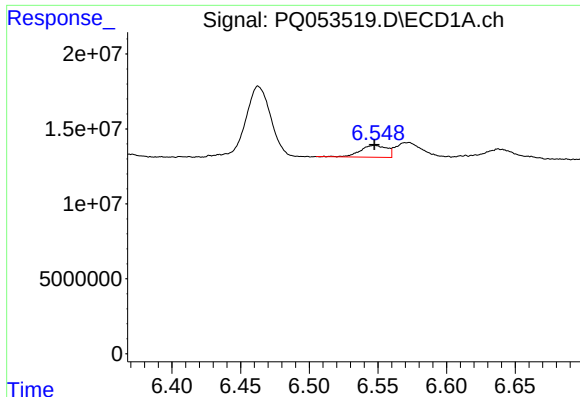
#2 Decachlorobiphenyl

R.T.: 11.409 min  
Delta R.T.: -0.003 min  
Response: 621338313  
Conc: 20.80 ng/ml



#2 Decachlorobiphenyl

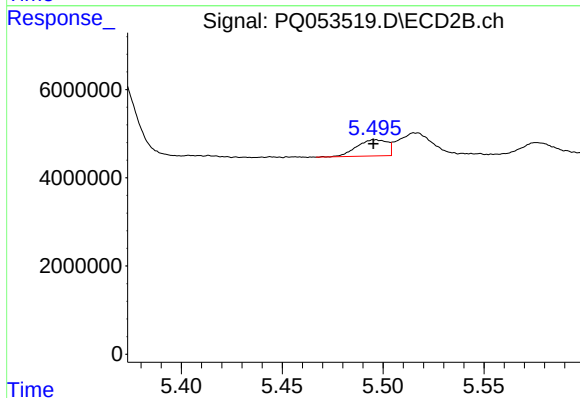
R.T.: 9.574 min  
Delta R.T.: -0.001 min  
Response: 299100154  
Conc: 21.07 ng/ml



#3 AR-1016-1

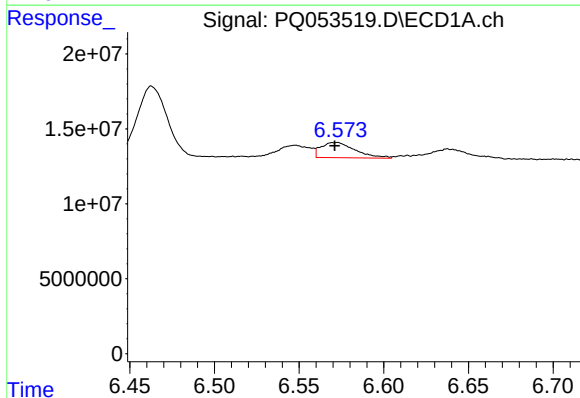
R.T.: 6.548 min  
Delta R.T.: 0.000 min  
Response: 10765954  
Conc: 10.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



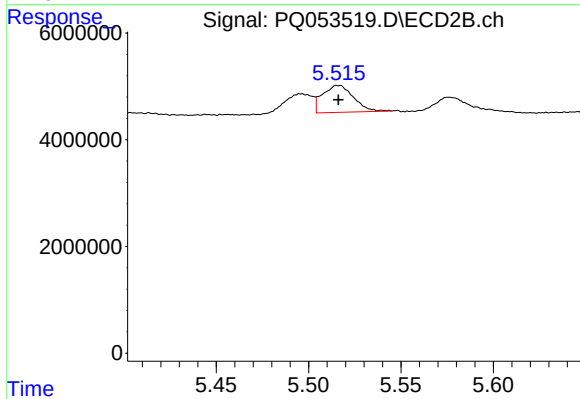
#3 AR-1016-1

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 3845612  
Conc: 8.45 ng/ml



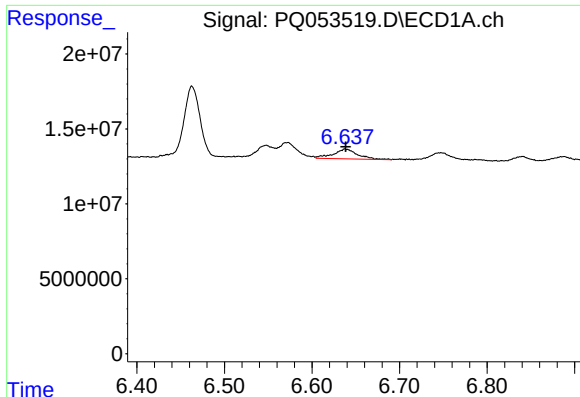
#4 AR-1016-2

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 14346427  
Conc: 9.32 ng/ml



#4 AR-1016-2

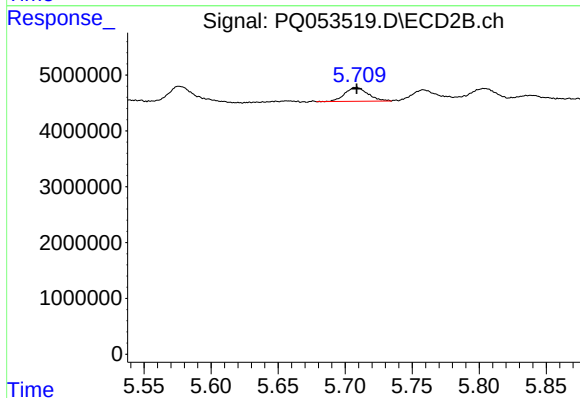
R.T.: 5.517 min  
Delta R.T.: 0.001 min  
Response: 5887479  
Conc: 8.69 ng/ml



#5 AR-1016-3

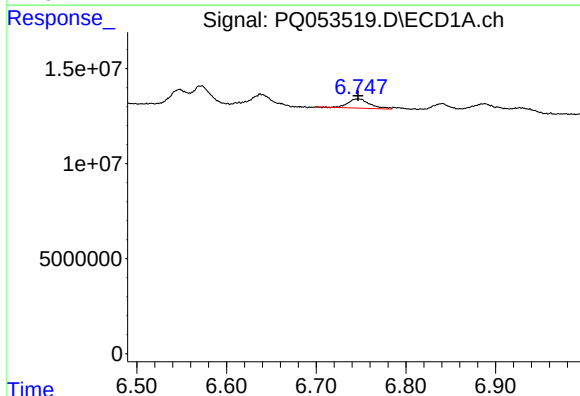
R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 12660146  
Conc: 13.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



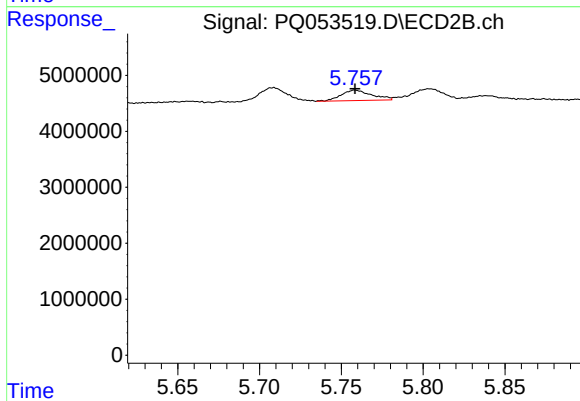
#5 AR-1016-3

R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 2969136  
Conc: 8.58 ng/ml



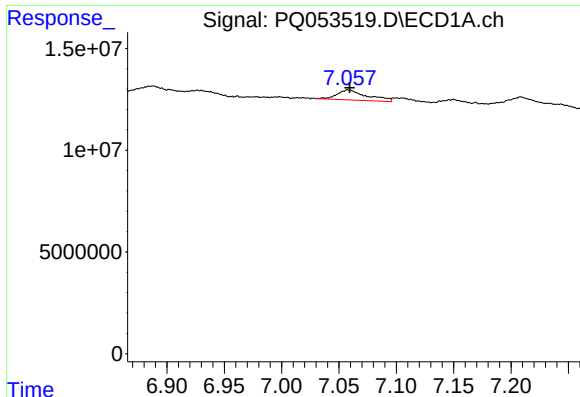
#6 AR-1016-4

R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 8420861  
Conc: 11.43 ng/ml



#6 AR-1016-4

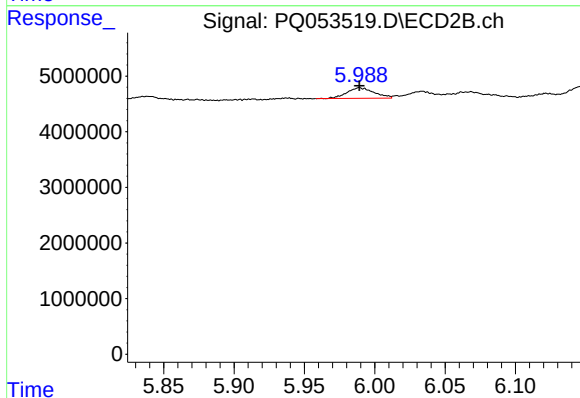
R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 2423282  
Conc: 8.57 ng/ml



#7 AR-1016-5

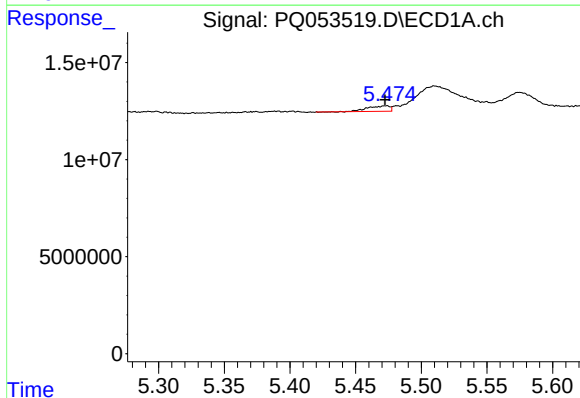
R.T.: 7.058 min  
Delta R.T.: -0.001 min  
Response: 9100311  
Conc: 12.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



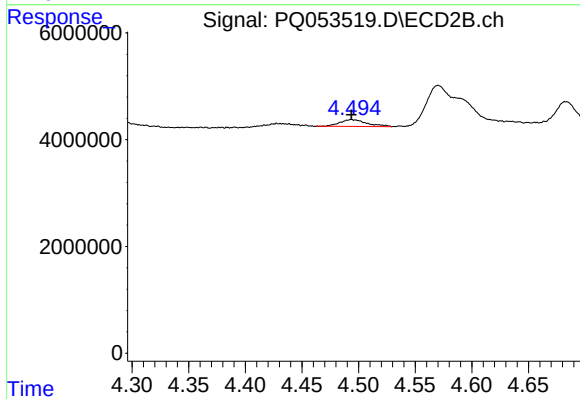
#7 AR-1016-5

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 2562798  
Conc: 7.10 ng/ml



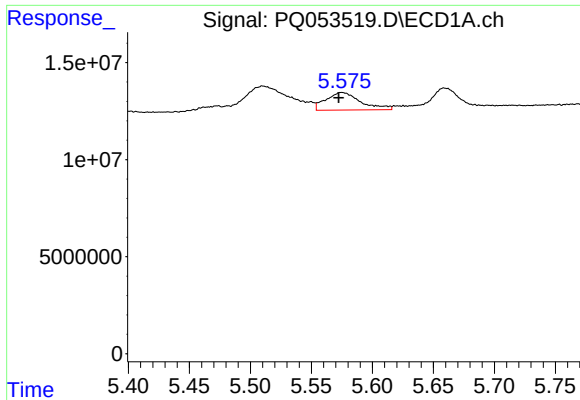
#8 AR-1221-1

R.T.: 5.473 min  
Delta R.T.: 0.000 min  
Response: 3297066  
Conc: 11.30 ng/ml



#8 AR-1221-1

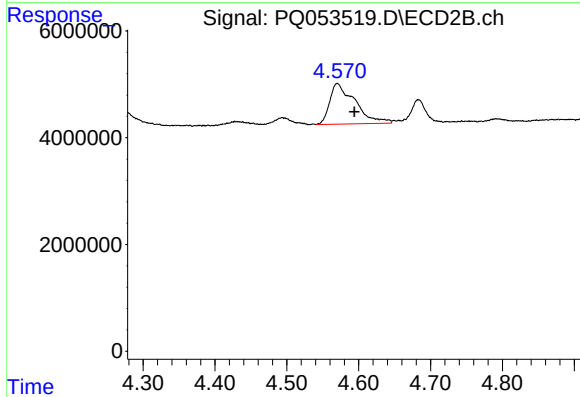
R.T.: 4.494 min  
Delta R.T.: 0.000 min  
Response: 2111342  
Conc: 15.79 ng/ml



#9 AR-1221-2

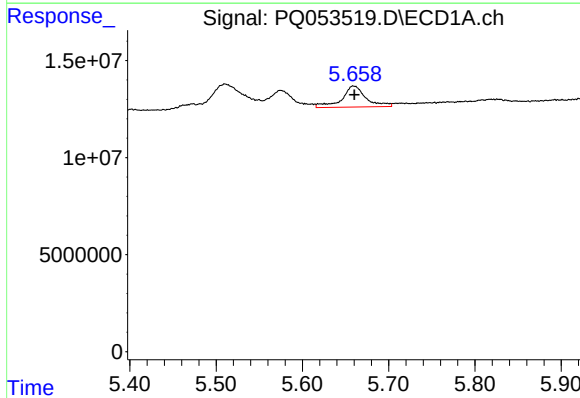
R.T.: 5.575 min  
Delta R.T.: 0.002 min  
Response: 18038917  
Conc: 84.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



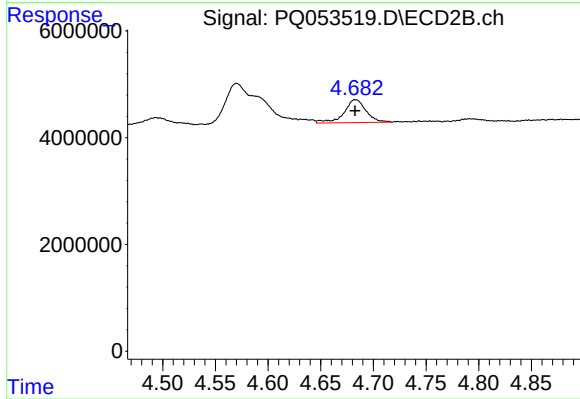
#9 AR-1221-2

R.T.: 4.570 min  
Delta R.T.: -0.024 min  
Response: 18667364  
Conc: 186.11 ng/ml



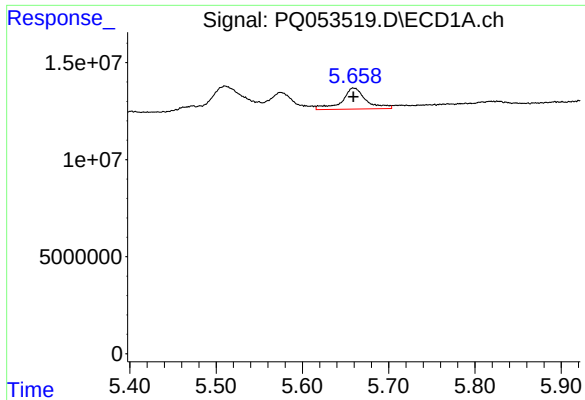
#10 AR-1221-3

R.T.: 5.659 min  
Delta R.T.: -0.001 min  
Response: 21006300  
Conc: 30.10 ng/ml



#10 AR-1221-3

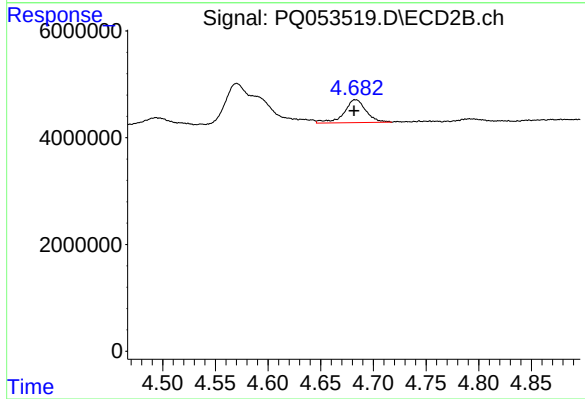
R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 6277446  
Conc: 19.25 ng/ml



#11 AR-1232-1

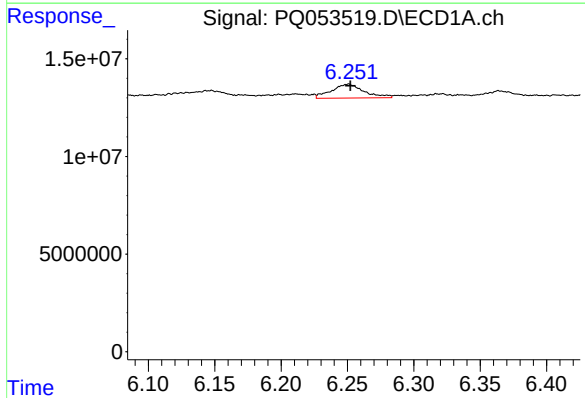
R.T.: 5.659 min  
Delta R.T.: 0.000 min  
Response: 21006300  
Conc: 40.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



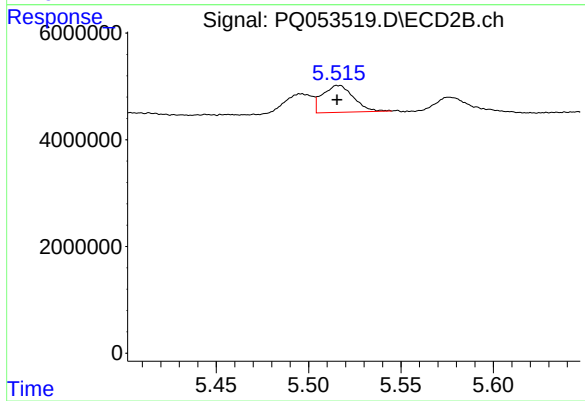
#11 AR-1232-1

R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 6277446  
Conc: 26.47 ng/ml



#12 AR-1232-2

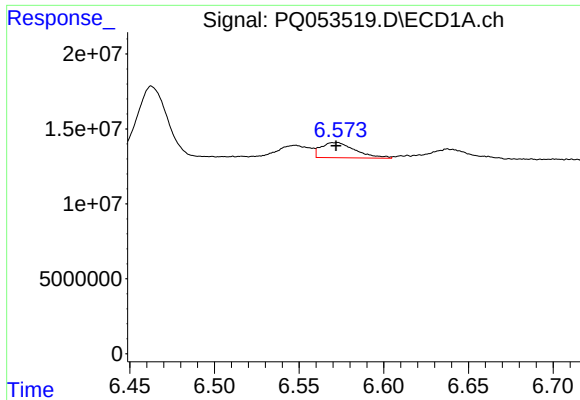
R.T.: 6.251 min  
Delta R.T.: -0.002 min  
Response: 12230032  
Conc: 43.92 ng/ml



#12 AR-1232-2

R.T.: 5.517 min  
Delta R.T.: 0.002 min  
Response: 5887479  
Conc: 23.27 ng/ml

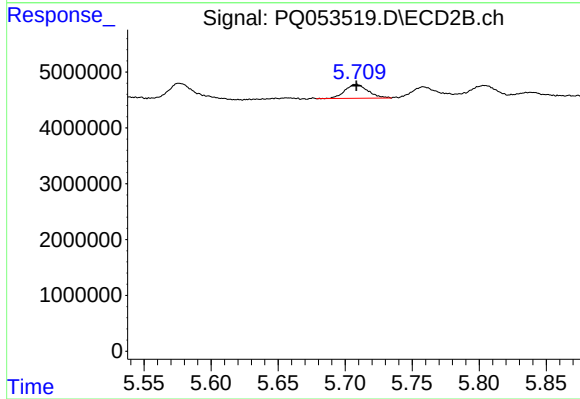




#13 AR-1232-3

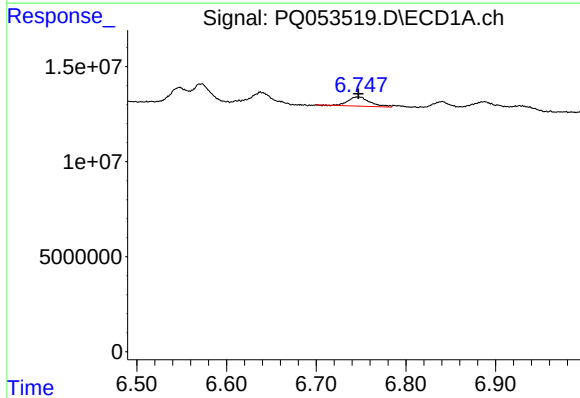
R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 14346427  
Conc: 24.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



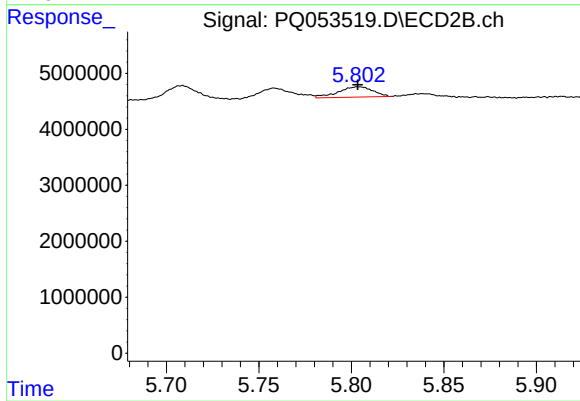
#13 AR-1232-3

R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 2969136  
Conc: 23.35 ng/ml



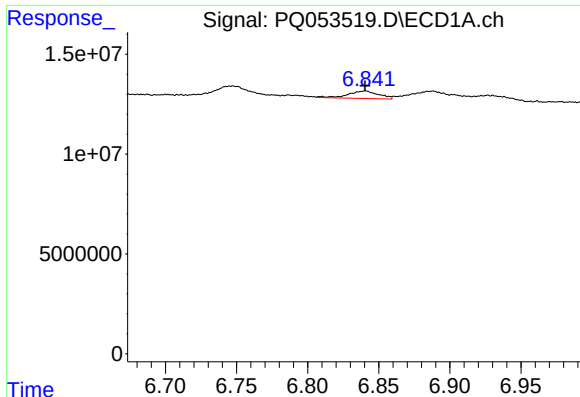
#14 AR-1232-4

R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 8420861  
Conc: 30.85 ng/ml



#14 AR-1232-4

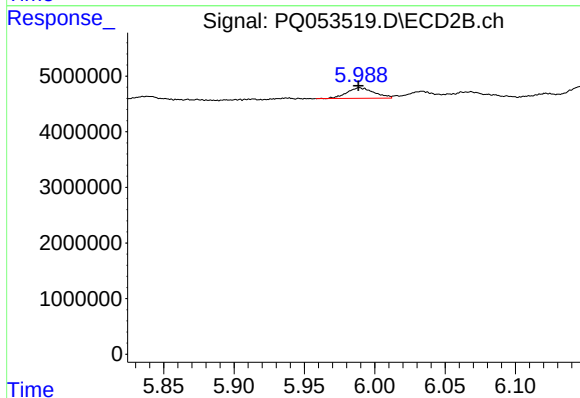
R.T.: 5.804 min  
Delta R.T.: 0.000 min  
Response: 2377535  
Conc: 21.20 ng/ml



#15 AR-1232-5

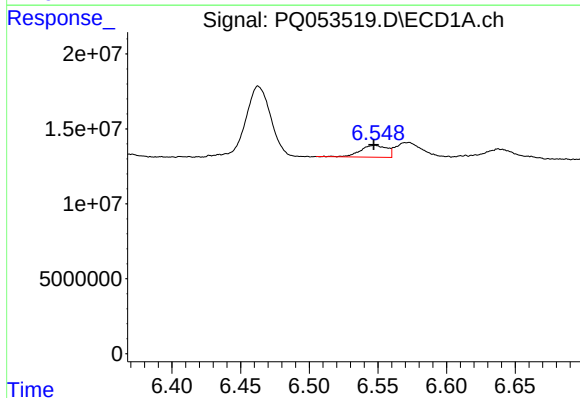
R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 5606848  
Conc: 28.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



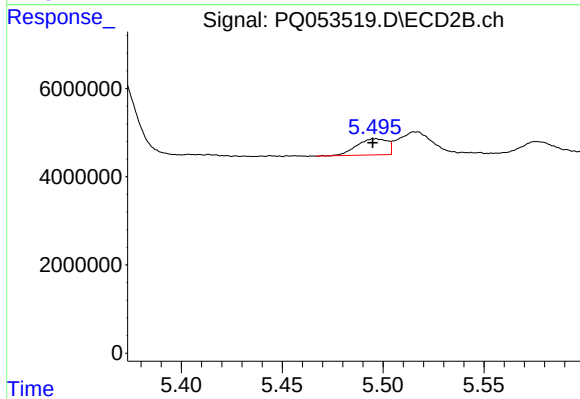
#15 AR-1232-5

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 2562798  
Conc: 20.85 ng/ml



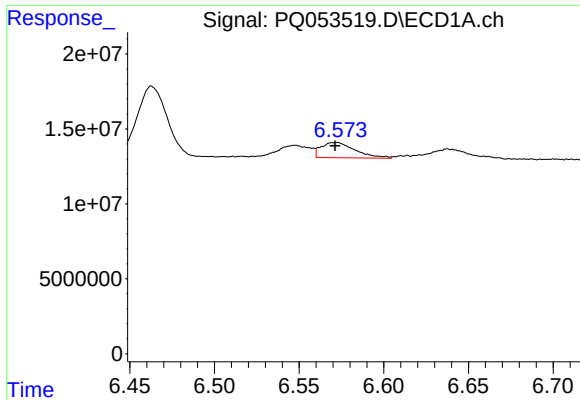
#16 AR-1242-1

R.T.: 6.548 min  
Delta R.T.: 0.000 min  
Response: 10765954  
Conc: 15.40 ng/ml



#16 AR-1242-1

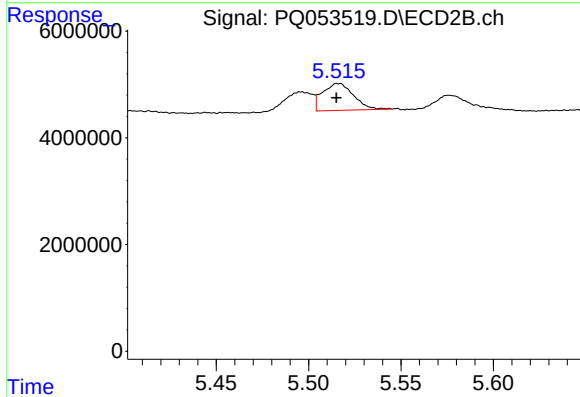
R.T.: 5.496 min  
Delta R.T.: 0.001 min  
Response: 3845612  
Conc: 11.98 ng/ml



#17 AR-1242-2

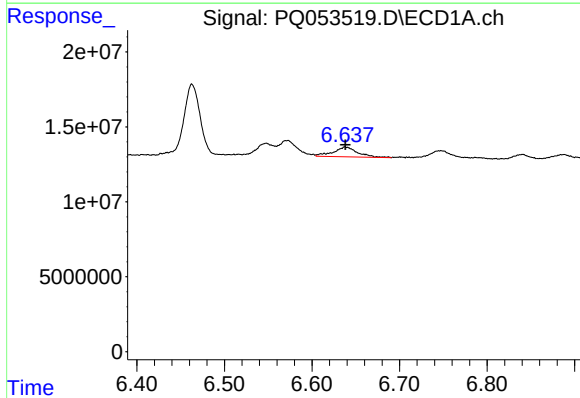
R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 14346427  
Conc: 13.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



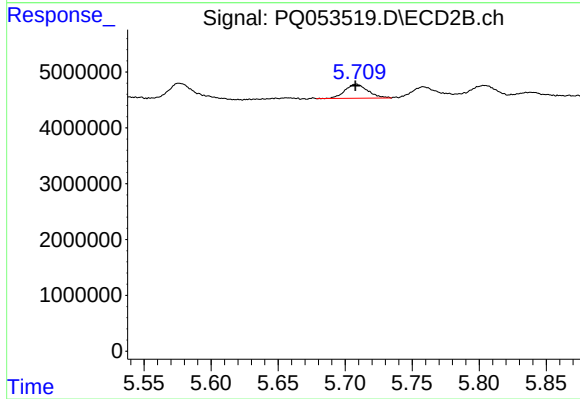
#17 AR-1242-2

R.T.: 5.517 min  
Delta R.T.: 0.002 min  
Response: 5887479  
Conc: 12.46 ng/ml



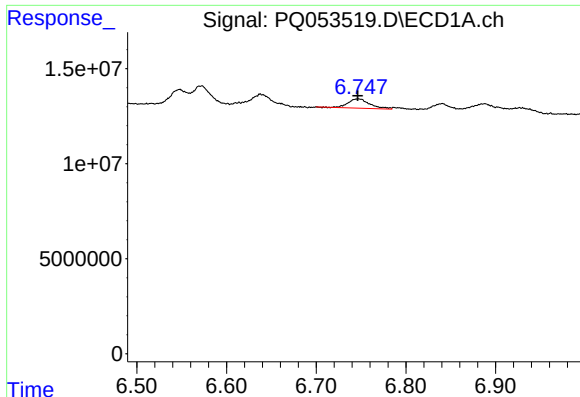
#18 AR-1242-3

R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 12660146  
Conc: 19.50 ng/ml



#18 AR-1242-3

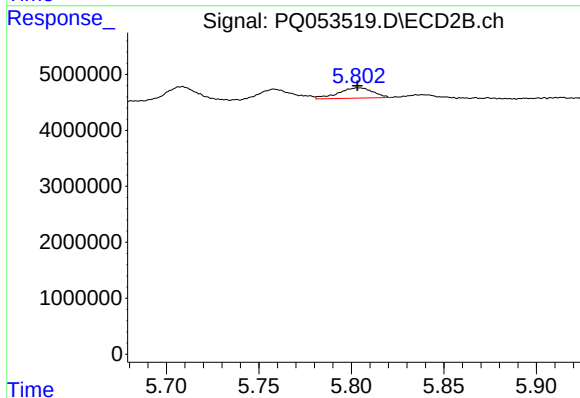
R.T.: 5.709 min  
Delta R.T.: 0.001 min  
Response: 2969136  
Conc: 12.20 ng/ml



#19 AR-1242-4

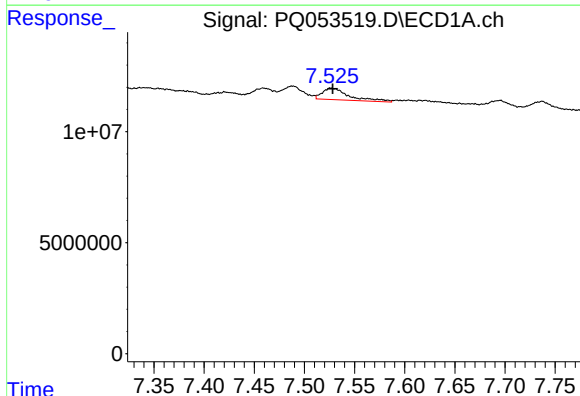
R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 8420861  
Conc: 16.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



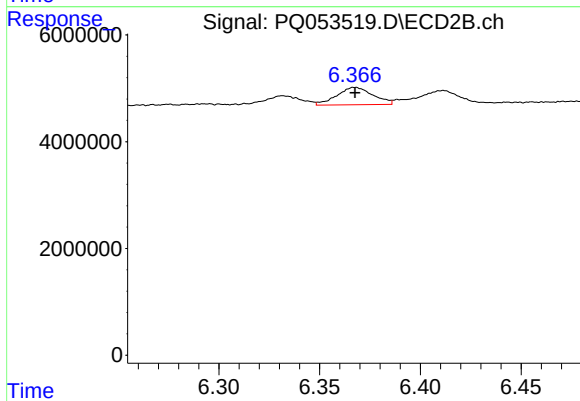
#19 AR-1242-4

R.T.: 5.804 min  
Delta R.T.: 0.000 min  
Response: 2377535  
Conc: 10.03 ng/ml



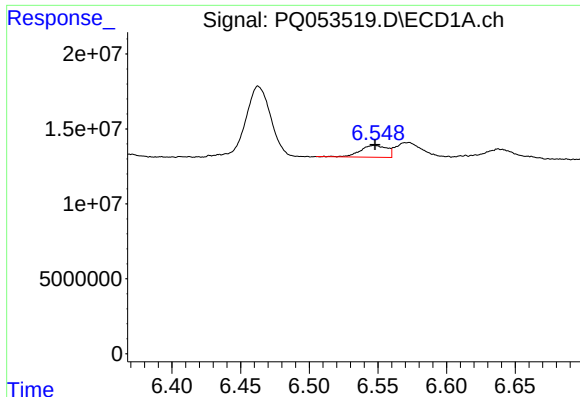
#20 AR-1242-5

R.T.: 7.527 min  
Delta R.T.: -0.002 min  
Response: 9716488  
Conc: 16.65 ng/ml



#20 AR-1242-5

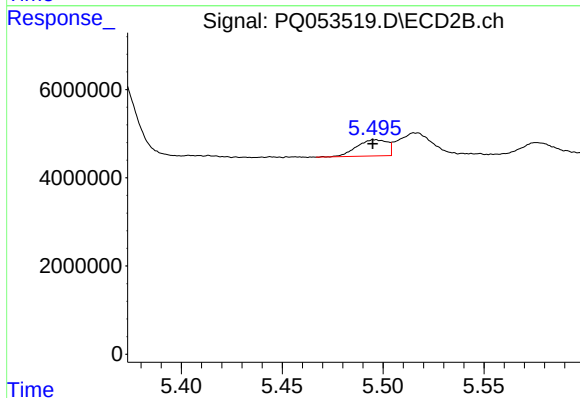
R.T.: 6.368 min  
Delta R.T.: 0.000 min  
Response: 4072262  
Conc: 12.77 ng/ml



#21 AR-1248-1

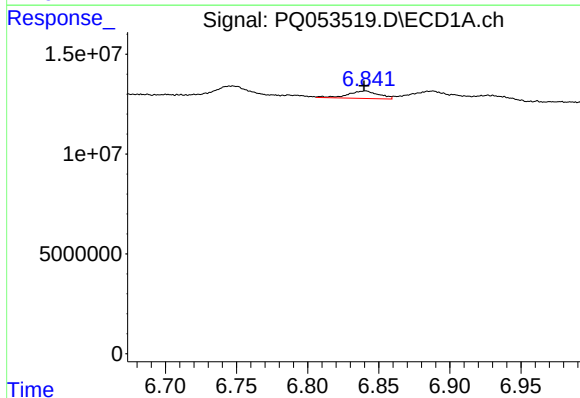
R.T.: 6.548 min  
Delta R.T.: 0.000 min  
Response: 10765954  
Conc: 20.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



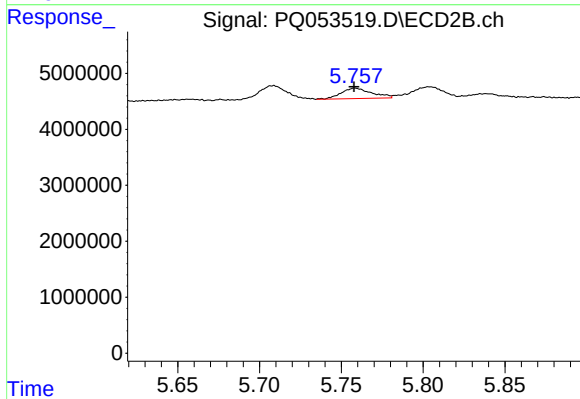
#21 AR-1248-1

R.T.: 5.496 min  
Delta R.T.: 0.001 min  
Response: 3845612  
Conc: 15.91 ng/ml



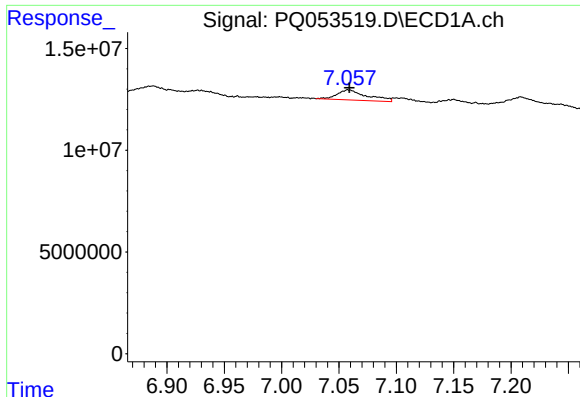
#22 AR-1248-2

R.T.: 6.841 min  
Delta R.T.: 0.001 min  
Response: 5606848  
Conc: 7.40 ng/ml



#22 AR-1248-2

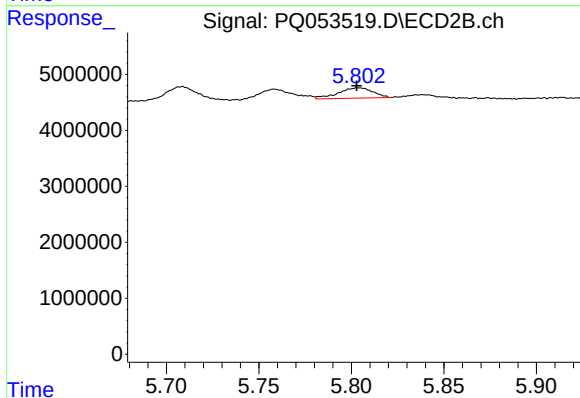
R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 2423282  
Conc: 7.03 ng/ml



#23 AR-1248-3

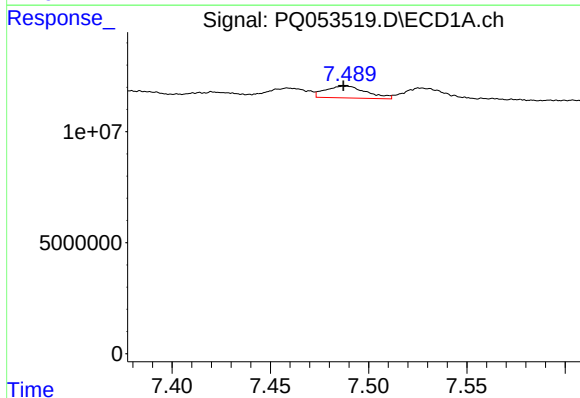
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 9100311  
Conc: 10.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



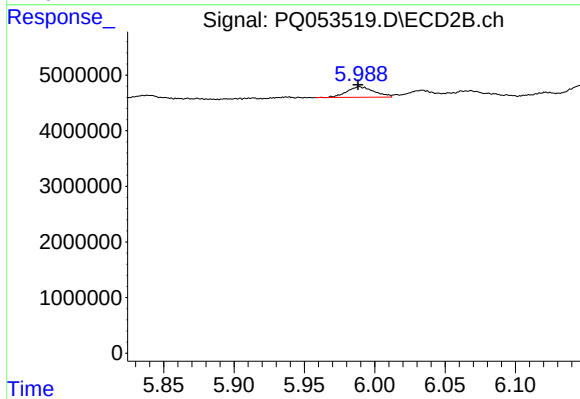
#23 AR-1248-3

R.T.: 5.804 min  
Delta R.T.: 0.000 min  
Response: 2377535  
Conc: 6.78 ng/ml



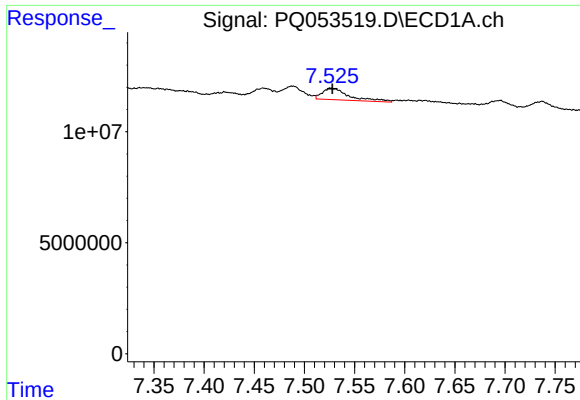
#24 AR-1248-4

R.T.: 7.488 min  
Delta R.T.: 0.000 min  
Response: 7791506  
Conc: 8.01 ng/ml



#24 AR-1248-4

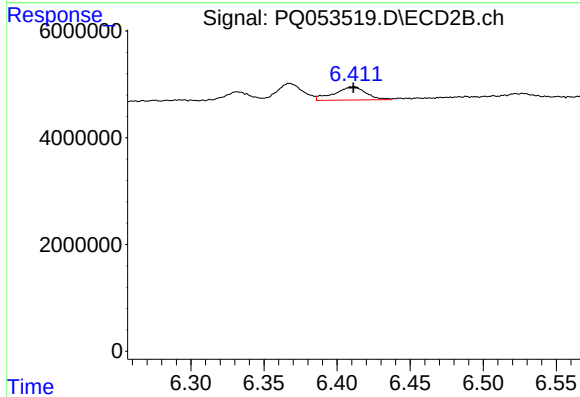
R.T.: 5.989 min  
Delta R.T.: 0.001 min  
Response: 2562798  
Conc: 6.00 ng/ml



#25 AR-1248-5

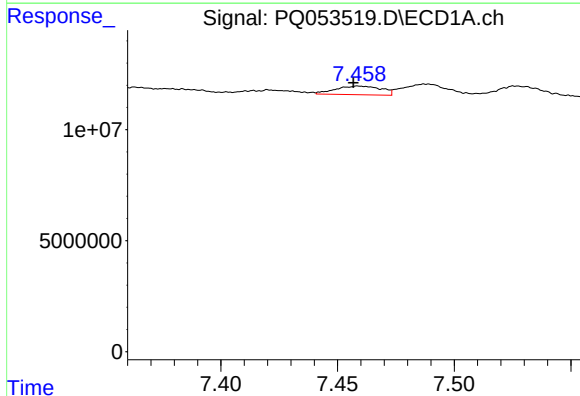
R.T.: 7.527 min  
Delta R.T.: -0.001 min  
Response: 9716488  
Conc: 9.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



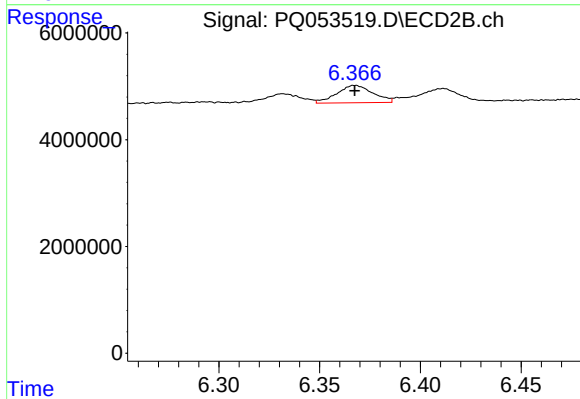
#25 AR-1248-5

R.T.: 6.412 min  
Delta R.T.: 0.000 min  
Response: 3779391  
Conc: 8.91 ng/ml



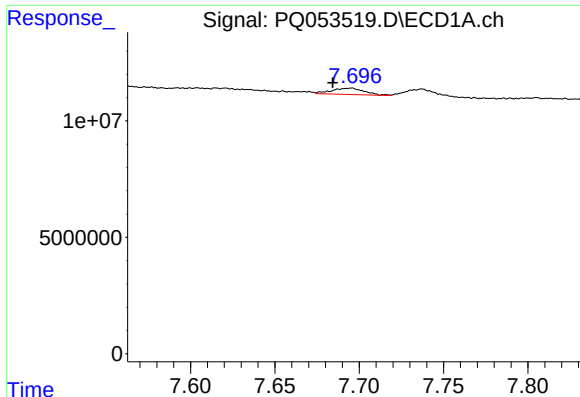
#26 AR-1254-1

R.T.: 7.459 min  
Delta R.T.: 0.002 min  
Response: 5307300  
Conc: 5.45 ng/ml



#26 AR-1254-1

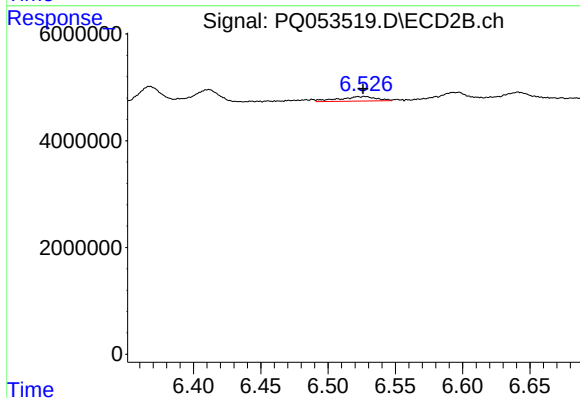
R.T.: 6.368 min  
Delta R.T.: 0.000 min  
Response: 4072262  
Conc: 6.02 ng/ml



#27 AR-1254-2

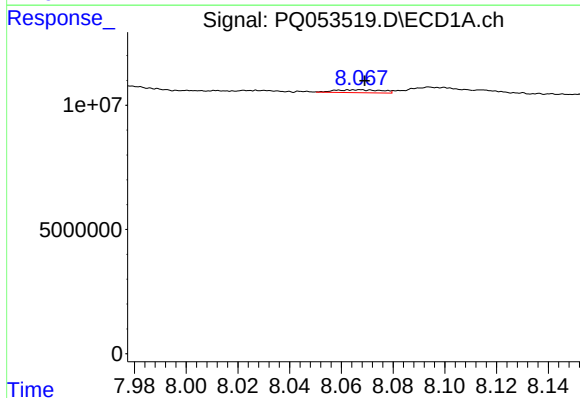
R.T.: 7.695 min  
Delta R.T.: 0.011 min  
Response: 3693110  
Conc: 2.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



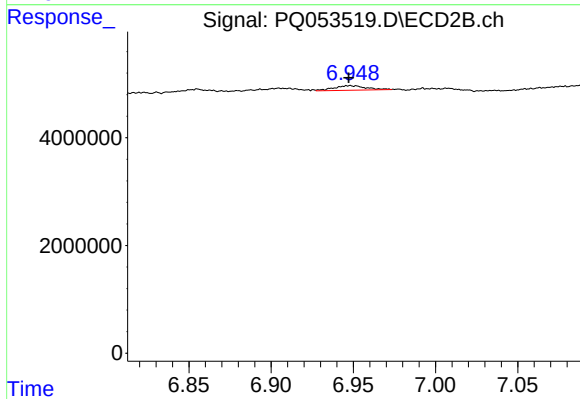
#27 AR-1254-2

R.T.: 6.527 min  
Delta R.T.: 0.000 min  
Response: 1624124  
Conc: 2.61 ng/ml



#28 AR-1254-3

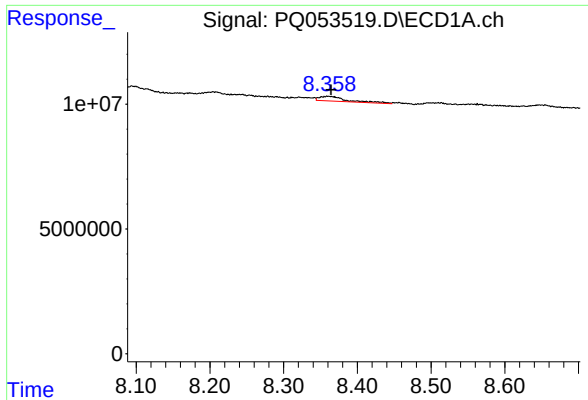
R.T.: 8.067 min  
Delta R.T.: -0.002 min  
Response: 1448496  
Conc: 0.93 ng/ml



#28 AR-1254-3

R.T.: 6.948 min  
Delta R.T.: 0.001 min  
Response: 1143157  
Conc: 1.15 ng/ml

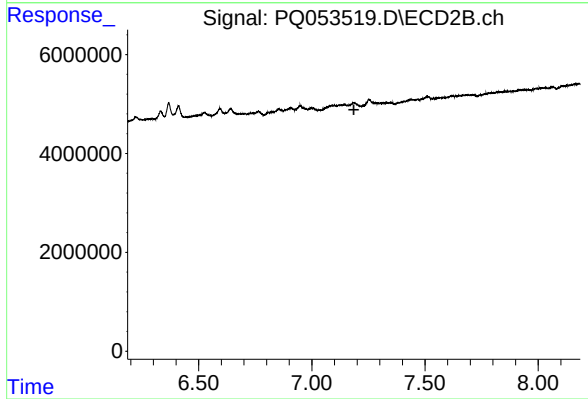




#29 AR-1254-4

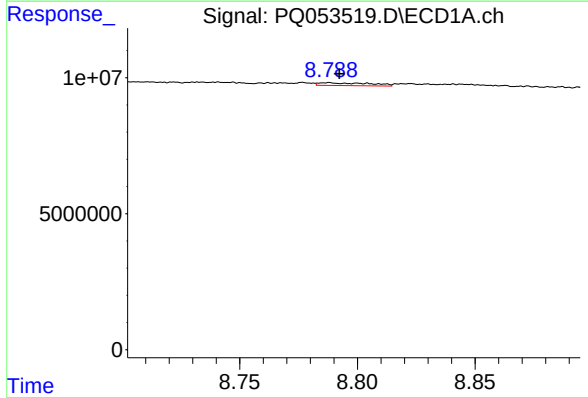
R.T.: 8.360 min  
Delta R.T.: -0.004 min  
Response: 4918087  
Conc: 4.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



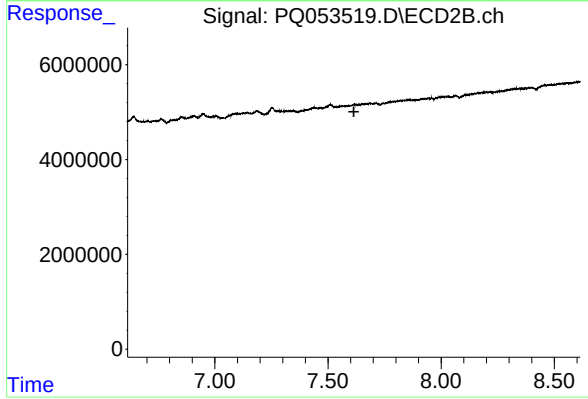
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.186 min  
Response: 0  
Conc: N.D.



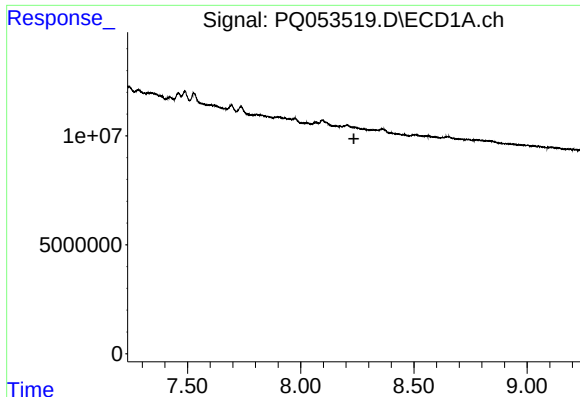
#30 AR-1254-5

R.T.: 8.788 min  
Delta R.T.: -0.005 min  
Response: 1600434  
Conc: 1.24 ng/ml



#30 AR-1254-5

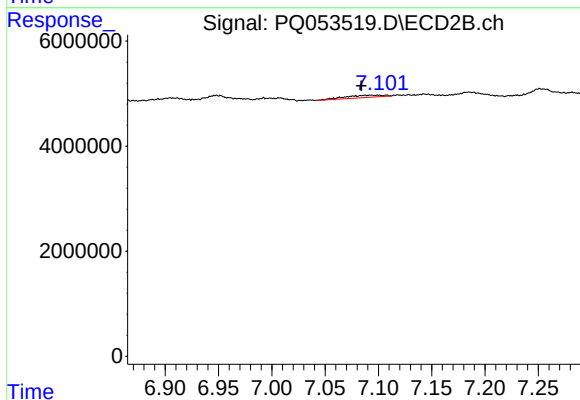
R.T.: 0.000 min  
Exp R.T. : 7.614 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

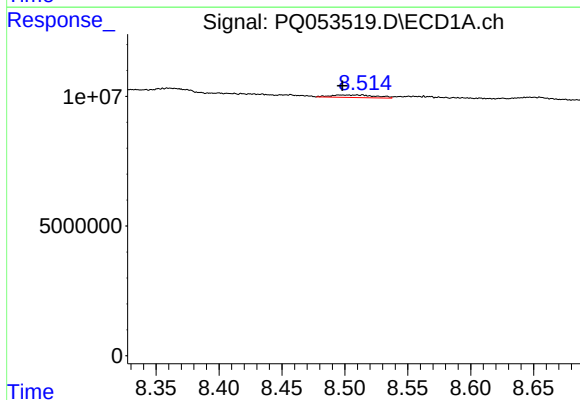
R.T.: 0.000 min  
Exp R.T.: 8.235 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



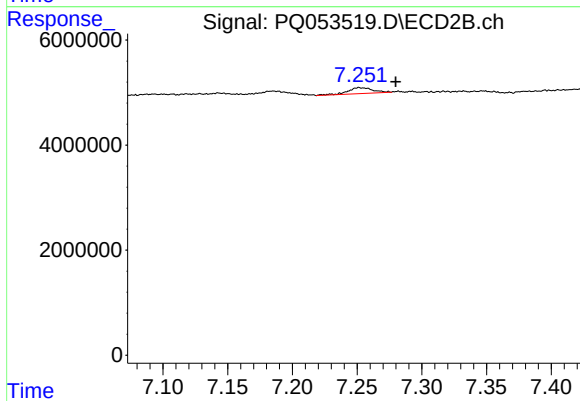
#31 AR-1260-1

R.T.: 7.108 min  
Delta R.T.: 0.024 min  
Response: 1083500  
Conc: 1.34 ng/ml



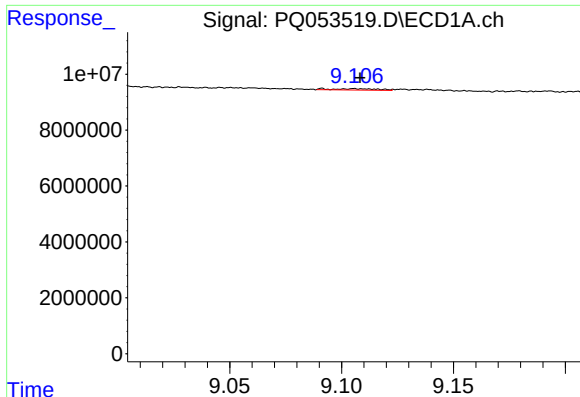
#32 AR-1260-2

R.T.: 8.502 min  
Delta R.T.: 0.004 min  
Response: 2432198  
Conc: 1.42 ng/ml



#32 AR-1260-2

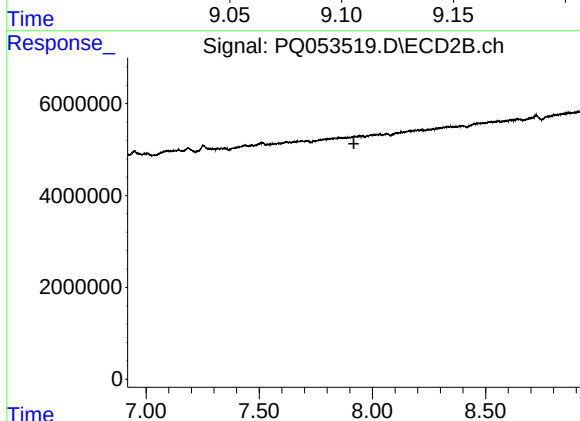
R.T.: 7.252 min  
Delta R.T.: -0.028 min  
Response: 1524644  
Conc: 1.34 ng/ml



#34 AR-1260-4

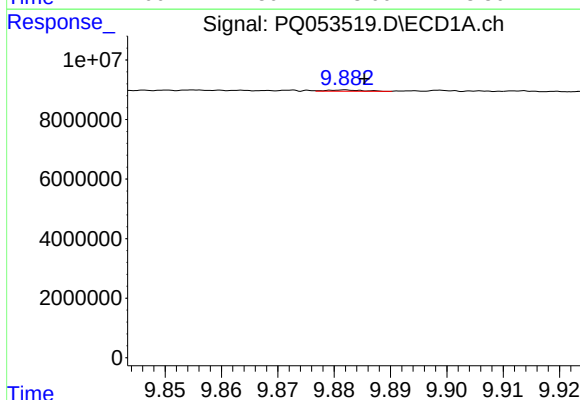
R.T.: 9.092 min  
Delta R.T.: -0.017 min  
Response: 673927  
Conc: 0.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



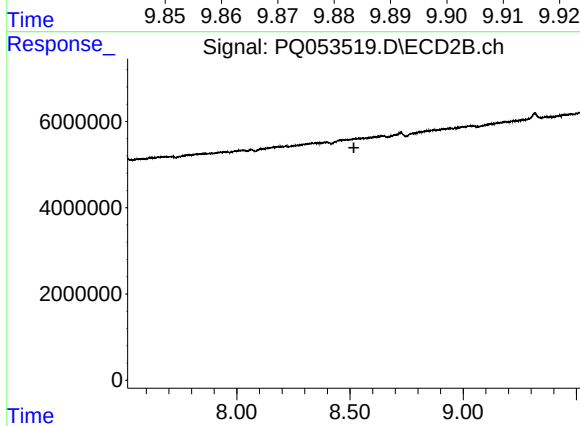
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.918 min  
Response: 0  
Conc: N.D.



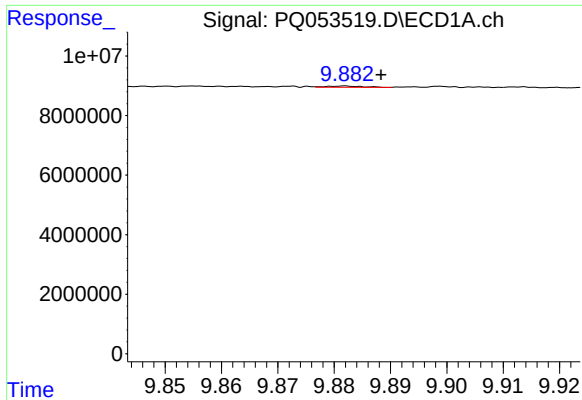
#39 AR-1262-4

R.T.: 9.882 min  
Delta R.T.: -0.003 min  
Response: 173311  
Conc: 0.10 ng/ml



#39 AR-1262-4

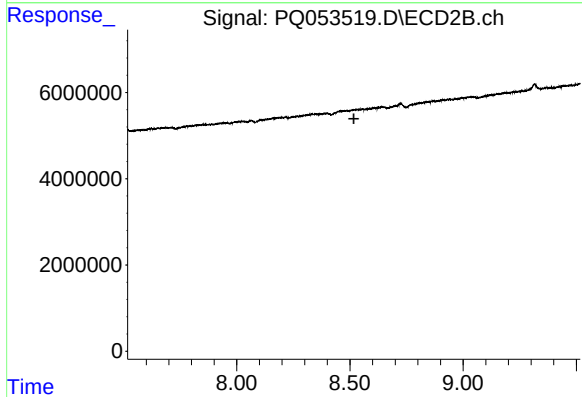
R.T.: 0.000 min  
Exp R.T. : 8.517 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

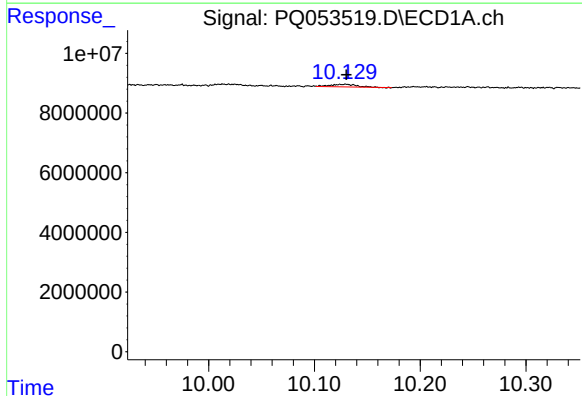
R.T.: 9.882 min  
Delta R.T.: -0.006 min  
Response: 173311  
Conc: 0.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



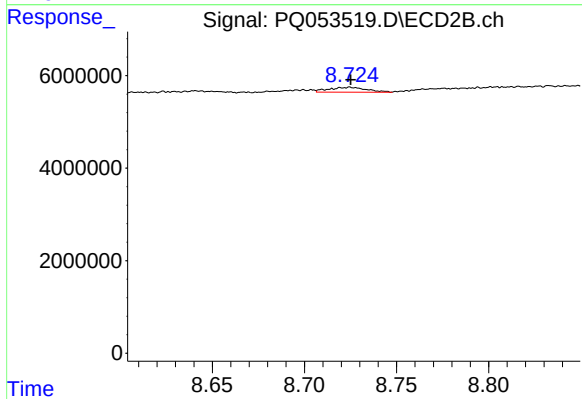
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.518 min  
Response: 0  
Conc: N.D.



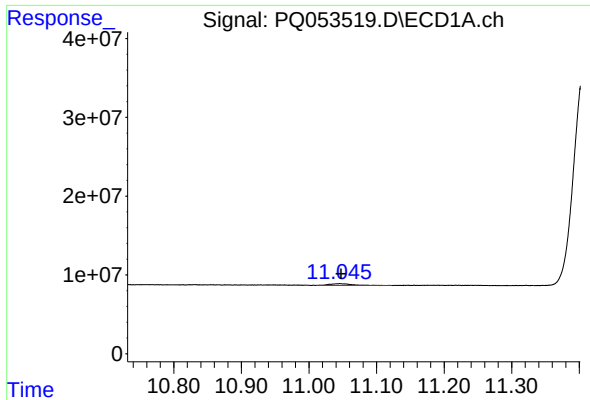
#43 AR-1268-3

R.T.: 10.130 min  
Delta R.T.: 0.000 min  
Response: 1486248  
Conc: 0.51 ng/ml



#43 AR-1268-3

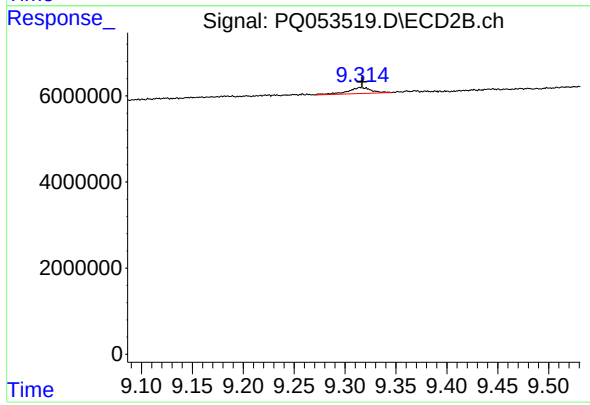
R.T.: 8.725 min  
Delta R.T.: 0.000 min  
Response: 1477582  
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 11.046 min  
Delta R.T.: -0.001 min  
Response: 5277957  
Conc: 0.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.315 min  
Delta R.T.: -0.002 min  
Response: 2257346  
Conc: 0.47 ng/ml