

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ042121\  
 Data File : PQ053106.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2021 11:38  
 Operator : DD\AJ  
 Sample : M2084-05  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 07:27:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ042021CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 21 07:47:07 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 5.223  | 4.238  | 561.1E6  | 232.0E6 | 19.998 | 19.947   |
| 2)                          | SA Decachlor... | 11.416 | 9.580  | 998.9E6  | 420.4E6 | 35.321 | 33.775   |
|                             |                 |        |        |          |         |        |          |
| Target Compounds            |                 |        |        |          |         |        |          |
| 5)                          | L1 AR-1016-3    | 6.676f | 5.707  | 4558117  | 1136241 | 5.185  | 3.446 #  |
| 6)                          | L1 AR-1016-4    | 6.676f | 5.739  | 4558117  | 502735  | 6.292  | 1.929 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.987  | 0        | 8050732 | N.D.   | 24.225 # |
| 8)                          | L2 AR-1221-1    | 5.490  | 0.000  | 9910750  | 0       | 32.587 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.579  | 4.593  | 6021238  | 3615406 | 29.181 | 40.689 # |
| 10)                         | L2 AR-1221-3    | 5.674  | 4.685  | 15491075 | 5558268 | 22.316 | 17.999   |
| 11)                         | L3 AR-1232-1    | 5.674  | 4.685  | 15491075 | 5558268 | 29.829 | 24.349   |
| 12)                         | L3 AR-1232-2    | 6.188f | 0.000  | 9357034  | 0       | 33.416 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.707  | 0        | 1136241 | N.D.   | 9.291 #  |
| 14)                         | L3 AR-1232-4    | 6.676f | 5.739f | 4558117  | 502735  | 15.937 | 4.802 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.987  | 0        | 8050732 | N.D.   | 68.638 # |
| 18)                         | L4 AR-1242-3    | 6.676f | 5.707  | 4558117  | 1136241 | 5.523  | 3.751 #  |
| 19)                         | L4 AR-1242-4    | 6.676f | 5.739f | 4558117  | 502735  | 6.653  | 1.767 #  |
| 20)                         | L4 AR-1242-5    | 7.484f | 6.336  | 8707872  | 1549264 | 11.937 | 3.911 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.739  | 0        | 502735  | N.D.   | 1.352 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.739f | 0        | 502735  | N.D.   | 1.317 #  |
| 24)                         | L5 AR-1248-4    | 7.484  | 5.987  | 8707872  | 8050732 | 7.620  | 17.221 # |
| 25)                         | L5 AR-1248-5    | 7.484f | 0.000  | 8707872  | 0       | 7.641  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.484  | 6.336  | 8707872  | 1549264 | 5.539  | 1.445 #  |
| 27)                         | L6 AR-1254-2    | 7.674  | 0.000  | 6484650  | 0       | 2.649  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.968  | 0        | 2770194 | N.D.   | 1.789 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 7.149f | 0        | 2692792 | N.D.   | 2.572 #  |
| 30)                         | L6 AR-1254-5    | 8.788  | 7.686f | 51526765 | 3498314 | 25.188 | 2.397 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.092  | 0        | 5883746 | N.D.   | 9.079 #  |
| 32)                         | L7 AR-1260-2    | 8.507  | 7.298  | 4269207  | 7775624 | 3.064  | 8.388 #  |
| 33)                         | L7 AR-1260-3    | 8.926f | 7.388f | 8805008  | 1075315 | 8.224  | 1.382 #  |
| 34)                         | L7 AR-1260-4    | 9.047f | 7.919  | 9443124  | 4171060 | 7.798  | 6.144    |
| 35)                         | L7 AR-1260-5    | 9.492f | 8.164  | 3307595  | 1655900 | 1.293  | 0.895 #  |
| 36)                         | L8 AR-1262-1    | 8.926f | 0.000  | 8805008  | 0       | 4.402  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.492f | 8.164  | 3307595  | 1655900 | 0.891  | 0.652 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.465  | 0        | 4328068 | N.D.   | 4.260 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.517  | 0        | 2071505 | N.D.   | 1.202 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.465  | 0        | 4328068 | N.D.   | 1.478 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.517  | 0        | 2071505 | N.D.   | 0.832 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.726  | 0        | 3832781 | N.D.   | 1.768 #  |
| 45)                         | L9 AR-1268-5    | 11.051 | 9.321  | 8521563  | 2592040 | 0.662  | 0.418 #  |
| -----                       |                 |        |        |          |         |        |          |

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

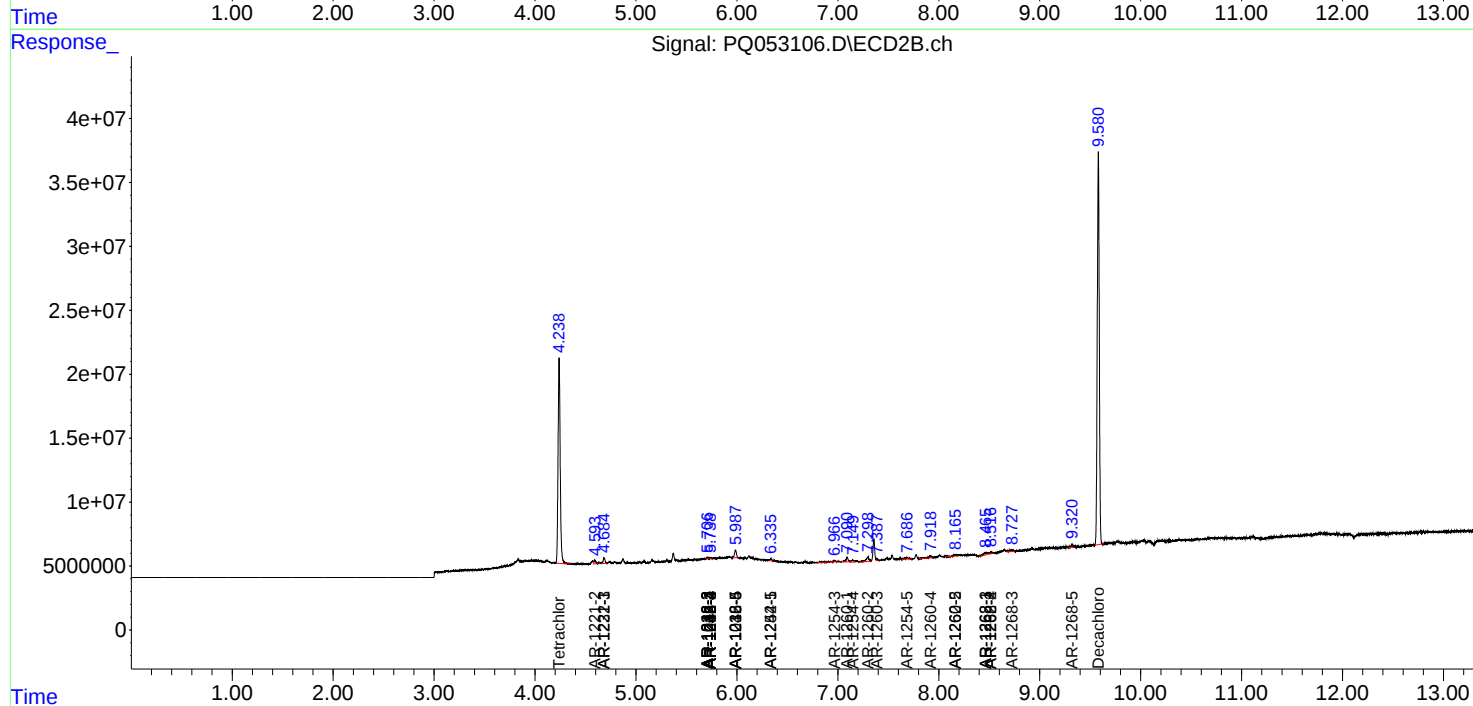
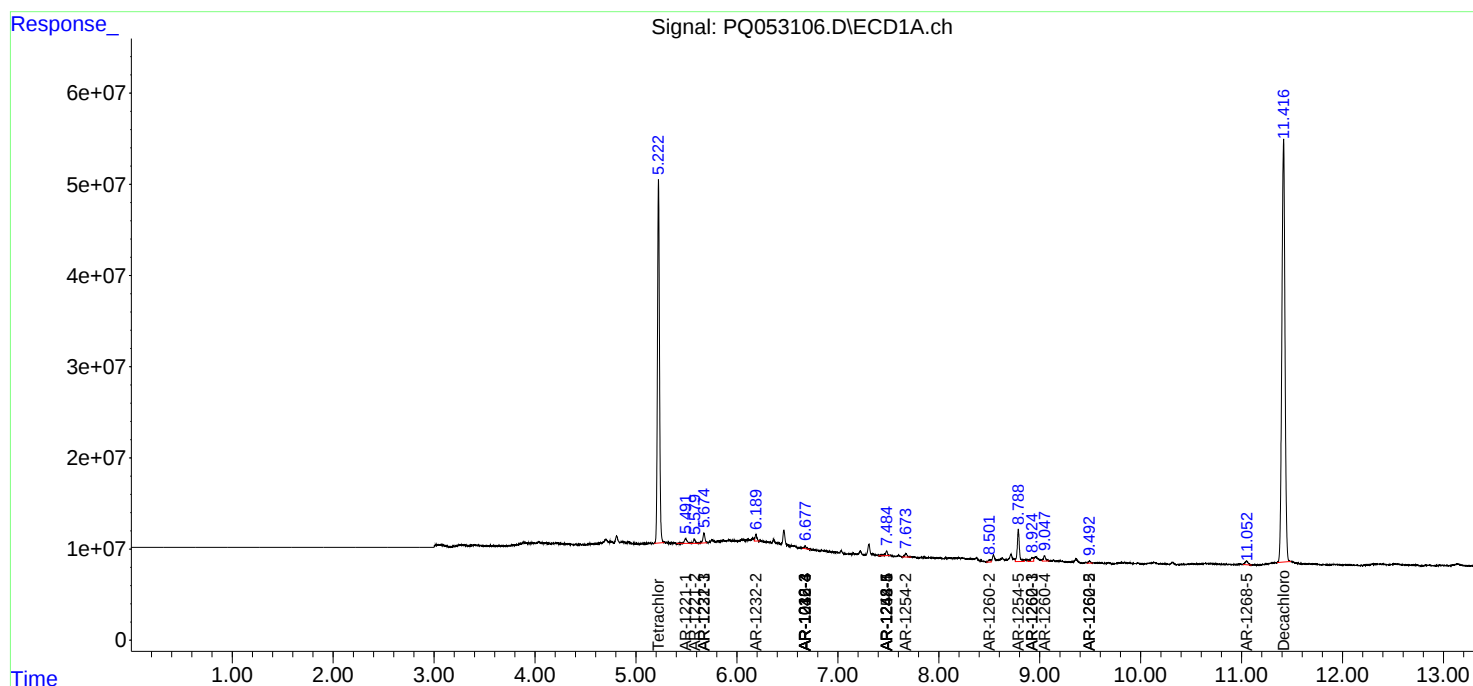
Instrument :  
ECD\_Q  
ClientSampleId :

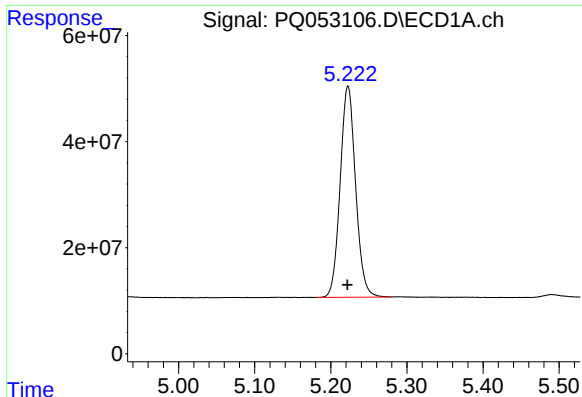
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ042121\  
Data File : PQ053106.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2021 11:38  
Operator : DD\AJ  
Sample : M2084-05  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 07:27:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ042021CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 21 07:47:07 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

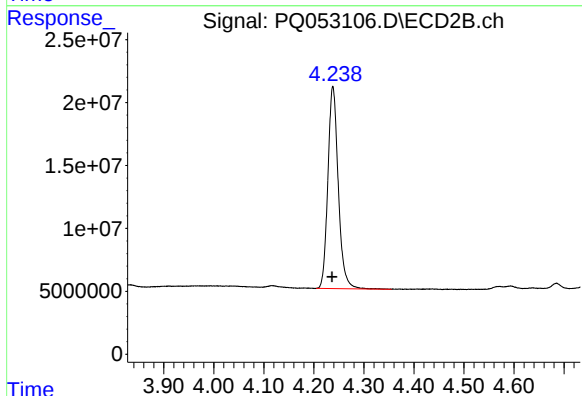




#1 Tetrachloro-m-xylene

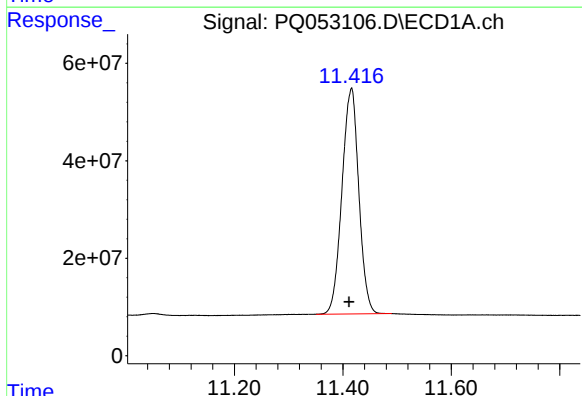
R.T.: 5.223 min  
Delta R.T.: 0.000 min  
Response: 561131319  
Conc: 20.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



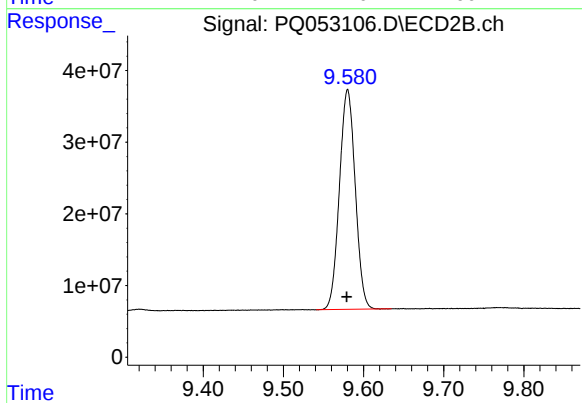
#1 Tetrachloro-m-xylene

R.T.: 4.238 min  
Delta R.T.: 0.001 min  
Response: 231952248  
Conc: 19.95 ng/ml



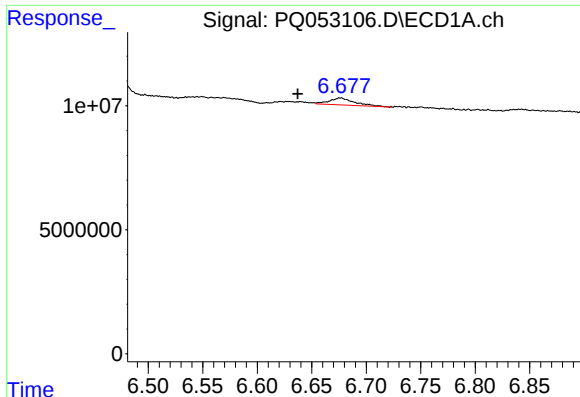
#2 Decachlorobiphenyl

R.T.: 11.416 min  
Delta R.T.: 0.005 min  
Response: 998949355  
Conc: 35.32 ng/ml



#2 Decachlorobiphenyl

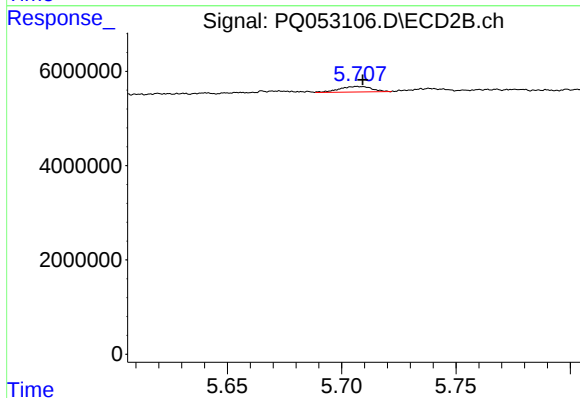
R.T.: 9.580 min  
Delta R.T.: 0.000 min  
Response: 420365506  
Conc: 33.77 ng/ml



#5 AR-1016-3

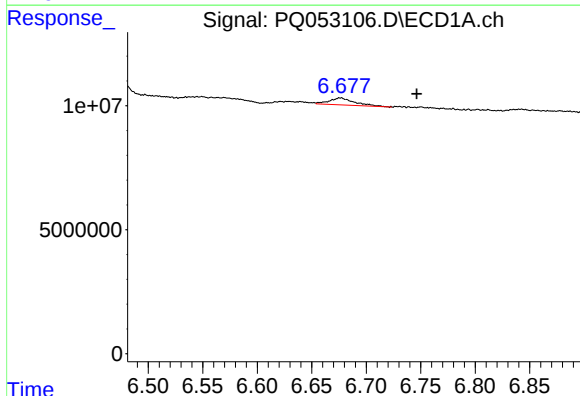
R.T.: 6.676 min  
Delta R.T.: 0.039 min  
Response: 4558117  
Conc: 5.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



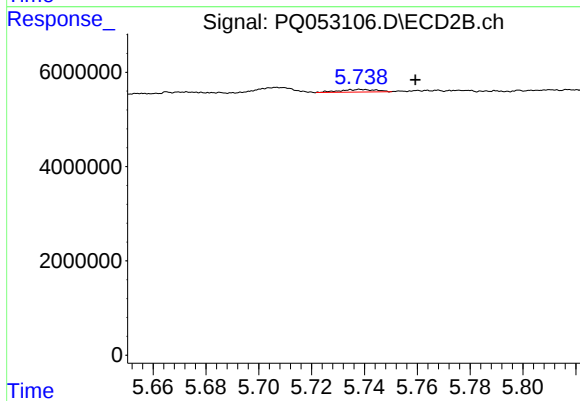
#5 AR-1016-3

R.T.: 5.707 min  
Delta R.T.: -0.002 min  
Response: 1136241  
Conc: 3.45 ng/ml



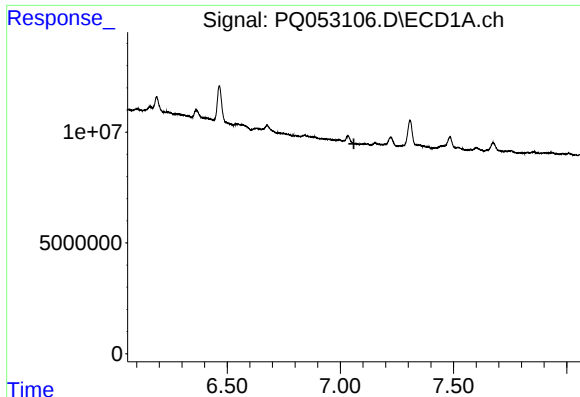
#6 AR-1016-4

R.T.: 6.676 min  
Delta R.T.: -0.070 min  
Response: 4558117  
Conc: 6.29 ng/ml



#6 AR-1016-4

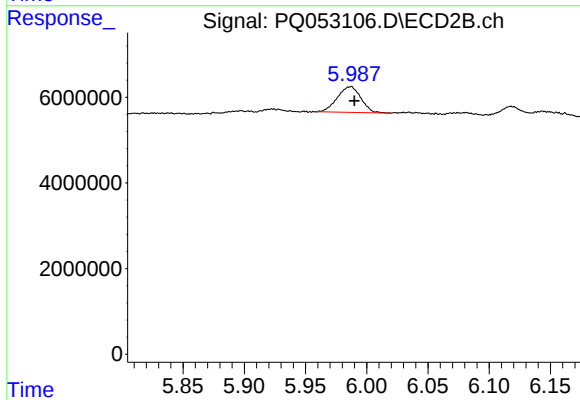
R.T.: 5.739 min  
Delta R.T.: -0.021 min  
Response: 502735  
Conc: 1.93 ng/ml



#7 AR-1016-5

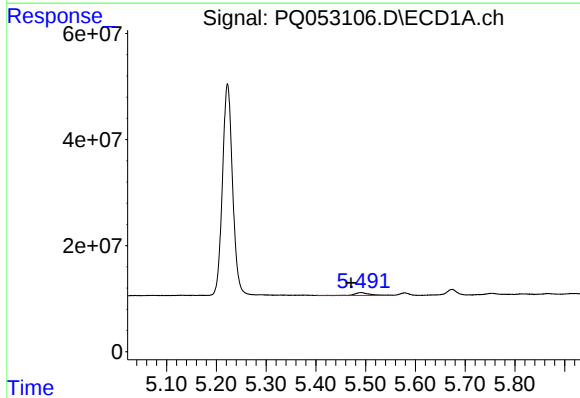
R.T.: 0.000 min  
Exp R.T.: 7.060 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



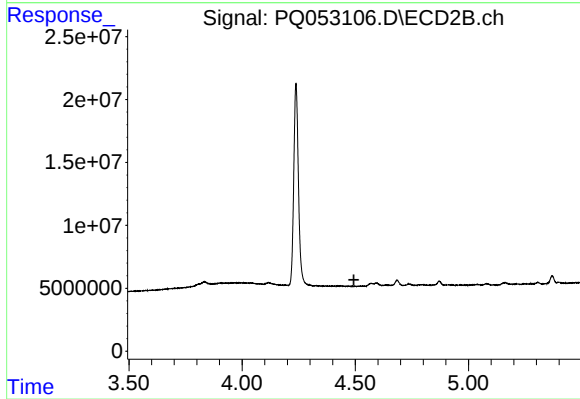
#7 AR-1016-5

R.T.: 5.987 min  
Delta R.T.: -0.003 min  
Response: 8050732  
Conc: 24.23 ng/ml



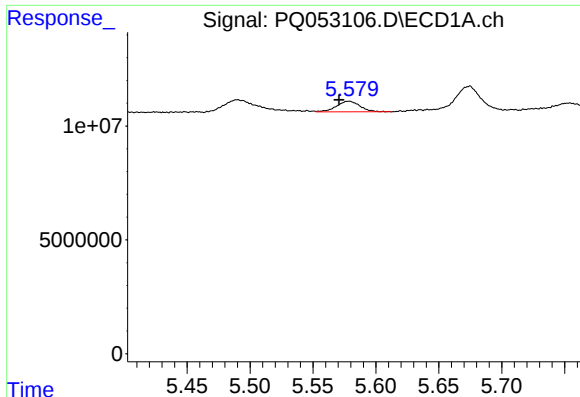
#8 AR-1221-1

R.T.: 5.490 min  
Delta R.T.: 0.019 min  
Response: 9910750  
Conc: 32.59 ng/ml



#8 AR-1221-1

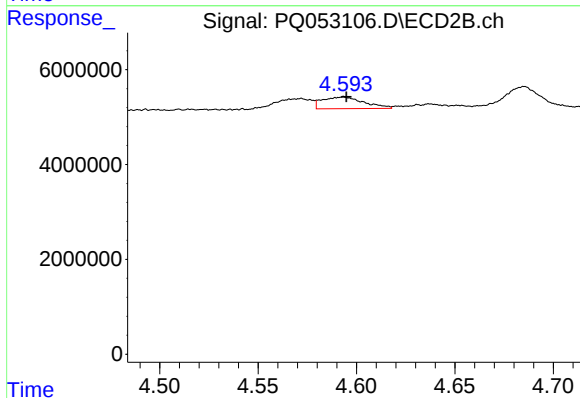
R.T.: 0.000 min  
Exp R.T.: 4.494 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

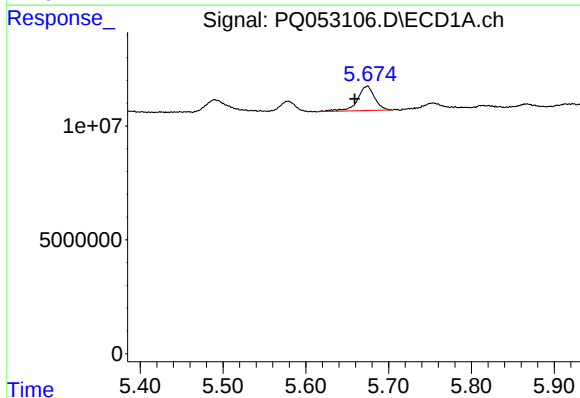
R.T.: 5.579 min  
Delta R.T.: 0.008 min  
Response: 6021238  
Conc: 29.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



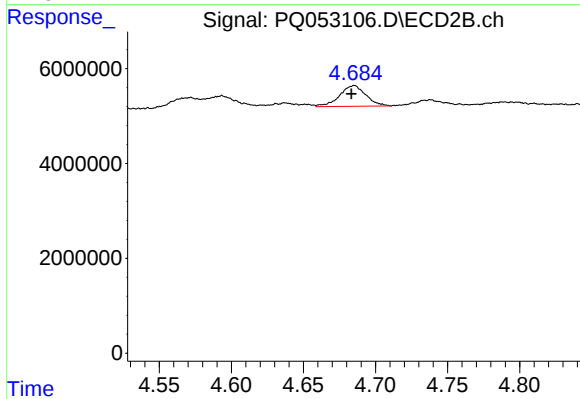
#9 AR-1221-2

R.T.: 4.593 min  
Delta R.T.: -0.002 min  
Response: 3615406  
Conc: 40.69 ng/ml



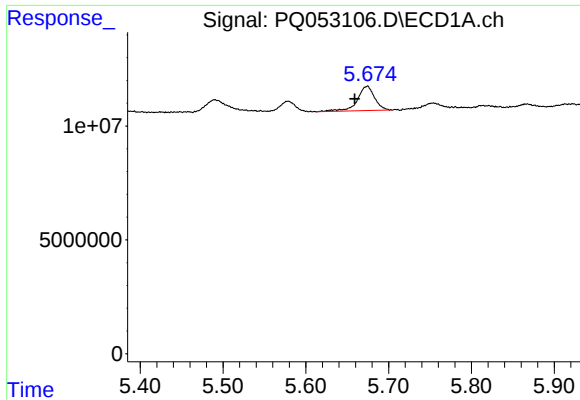
#10 AR-1221-3

R.T.: 5.674 min  
Delta R.T.: 0.015 min  
Response: 15491075  
Conc: 22.32 ng/ml



#10 AR-1221-3

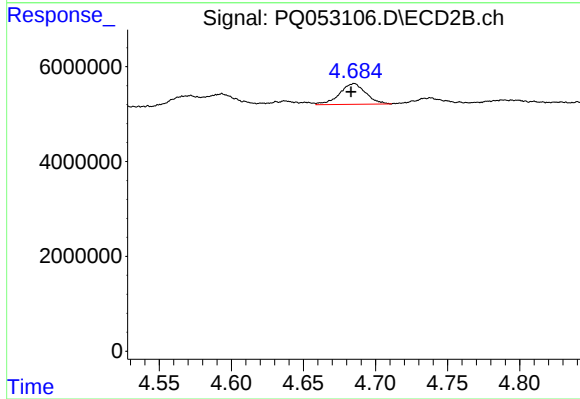
R.T.: 4.685 min  
Delta R.T.: 0.002 min  
Response: 5558268  
Conc: 18.00 ng/ml



#11 AR-1232-1

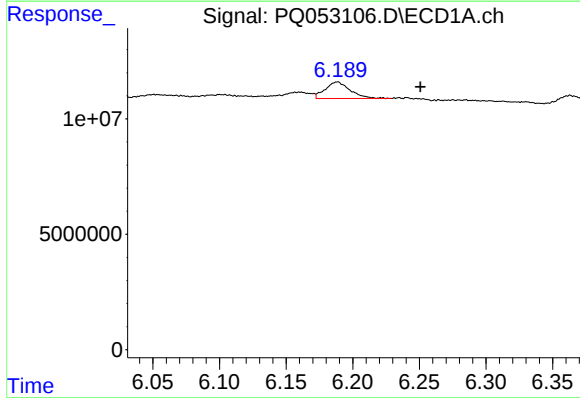
R.T.: 5.674 min  
Delta R.T.: 0.015 min  
Response: 15491075  
Conc: 29.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



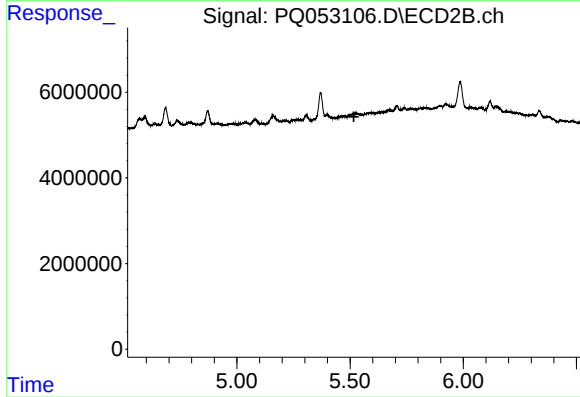
#11 AR-1232-1

R.T.: 4.685 min  
Delta R.T.: 0.002 min  
Response: 5558268  
Conc: 24.35 ng/ml



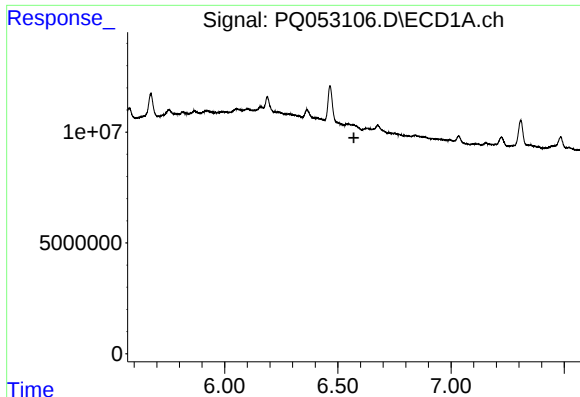
#12 AR-1232-2

R.T.: 6.188 min  
Delta R.T.: -0.062 min  
Response: 9357034  
Conc: 33.42 ng/ml



#12 AR-1232-2

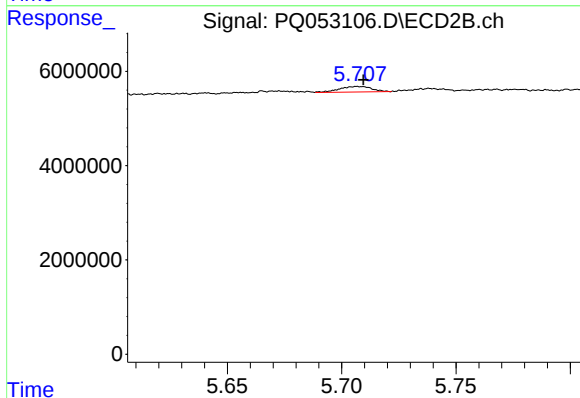
R.T.: 0.000 min  
Exp R.T.: 5.517 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

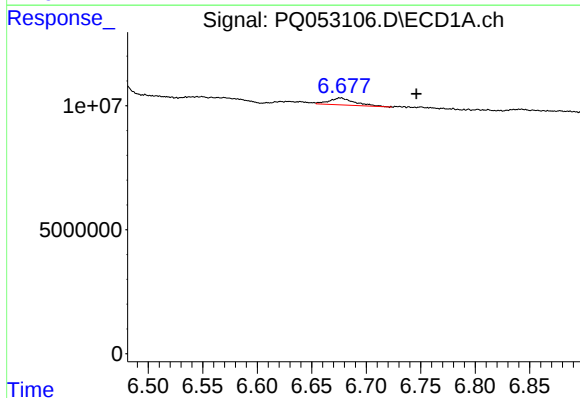
R.T.: 0.000 min  
Exp R.T.: 6.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



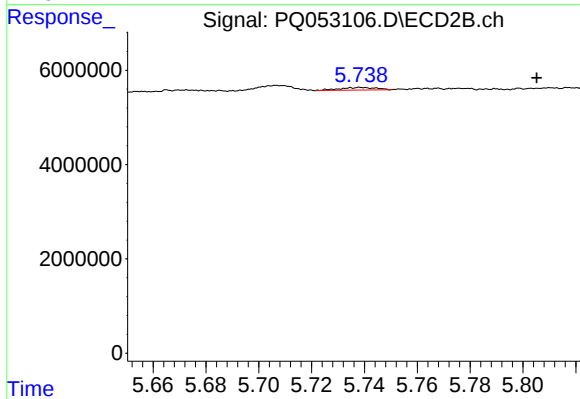
#13 AR-1232-3

R.T.: 5.707 min  
Delta R.T.: -0.002 min  
Response: 1136241  
Conc: 9.29 ng/ml



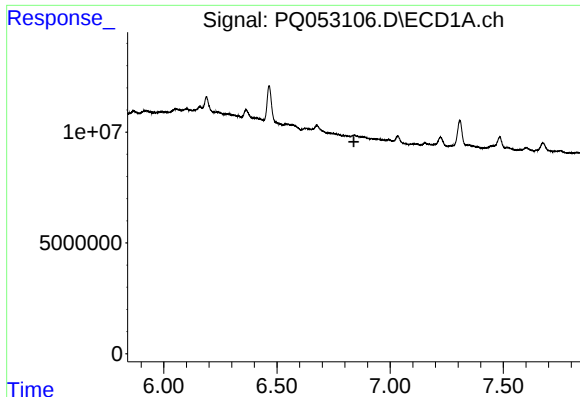
#14 AR-1232-4

R.T.: 6.676 min  
Delta R.T.: -0.070 min  
Response: 4558117  
Conc: 15.94 ng/ml



#14 AR-1232-4

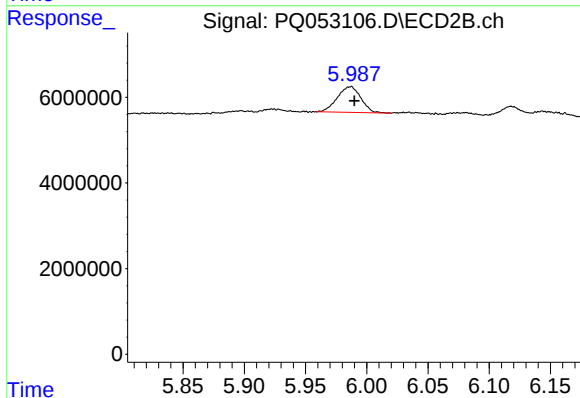
R.T.: 5.739 min  
Delta R.T.: -0.066 min  
Response: 502735  
Conc: 4.80 ng/ml



#15 AR-1232-5

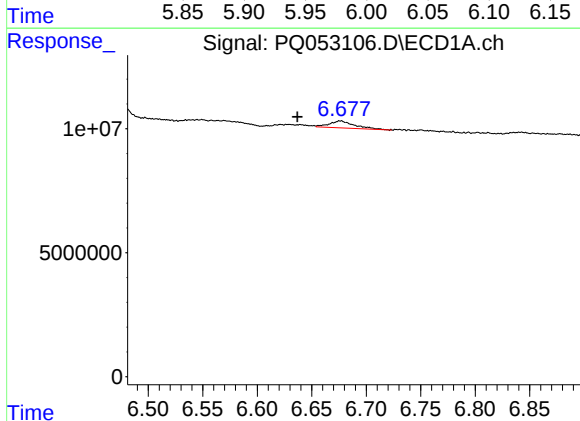
R.T.: 0.000 min  
Exp R.T.: 6.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



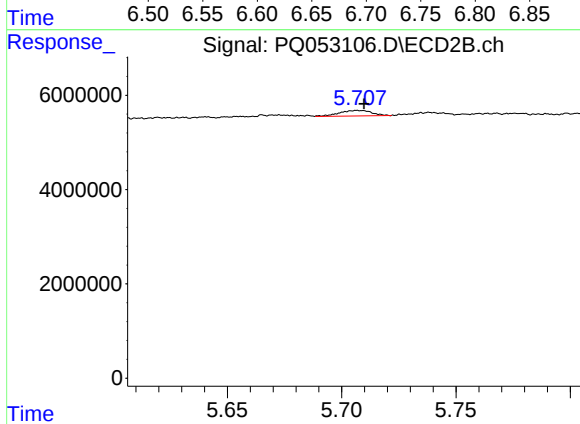
#15 AR-1232-5

R.T.: 5.987 min  
Delta R.T.: -0.003 min  
Response: 8050732  
Conc: 68.64 ng/ml



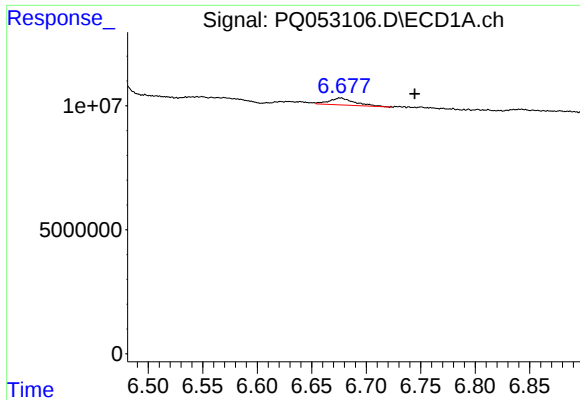
#18 AR-1242-3

R.T.: 6.676 min  
Delta R.T.: 0.040 min  
Response: 4558117  
Conc: 5.52 ng/ml



#18 AR-1242-3

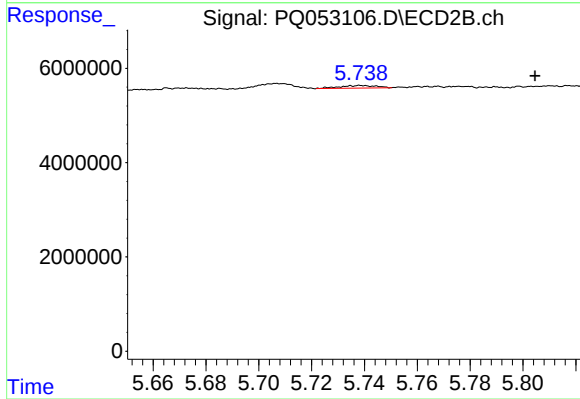
R.T.: 5.707 min  
Delta R.T.: -0.002 min  
Response: 1136241  
Conc: 3.75 ng/ml



#19 AR-1242-4

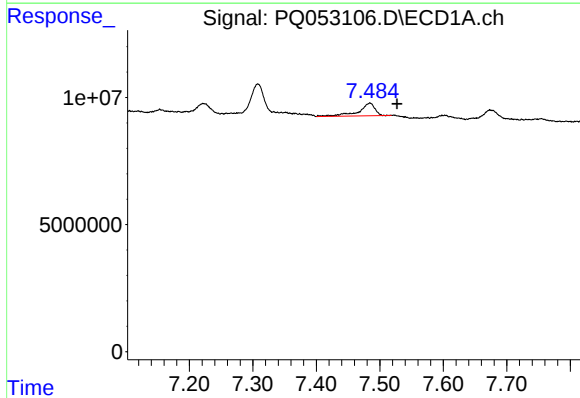
R.T.: 6.676 min  
Delta R.T.: -0.068 min  
Response: 4558117  
Conc: 6.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



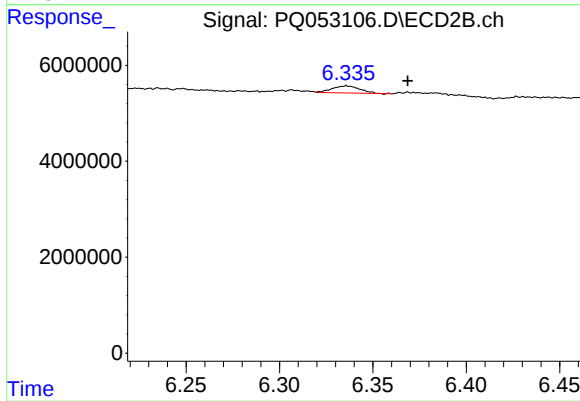
#19 AR-1242-4

R.T.: 5.739 min  
Delta R.T.: -0.066 min  
Response: 502735  
Conc: 1.77 ng/ml



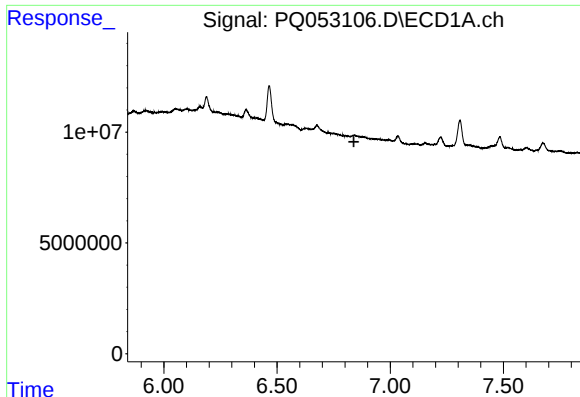
#20 AR-1242-5

R.T.: 7.484 min  
Delta R.T.: -0.043 min  
Response: 8707872  
Conc: 11.94 ng/ml



#20 AR-1242-5

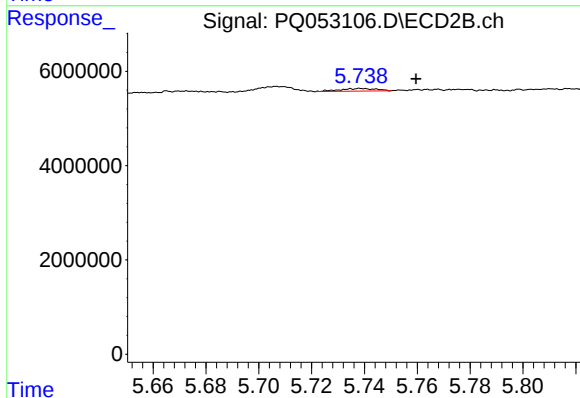
R.T.: 6.336 min  
Delta R.T.: -0.033 min  
Response: 1549264  
Conc: 3.91 ng/ml



#22 AR-1248-2

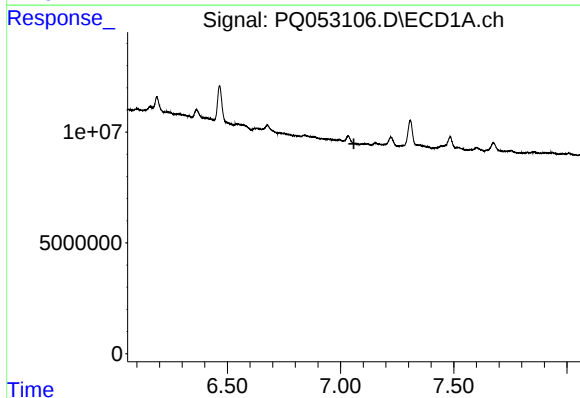
R.T.: 0.000 min  
Exp R.T.: 6.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



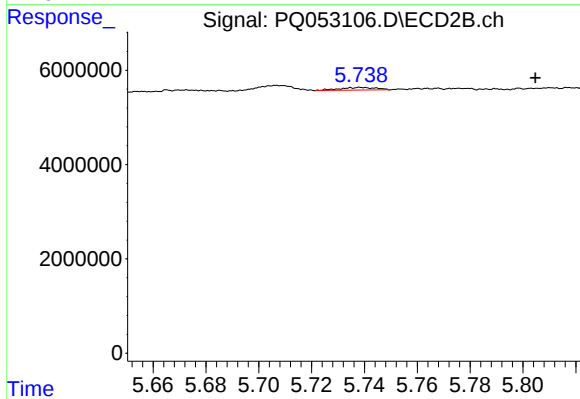
#22 AR-1248-2

R.T.: 5.739 min  
Delta R.T.: -0.021 min  
Response: 502735  
Conc: 1.35 ng/ml



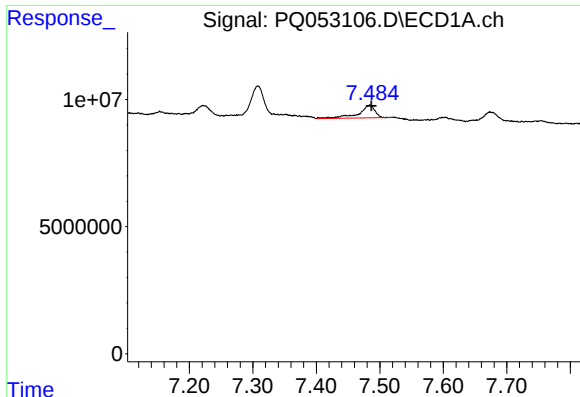
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 7.059 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

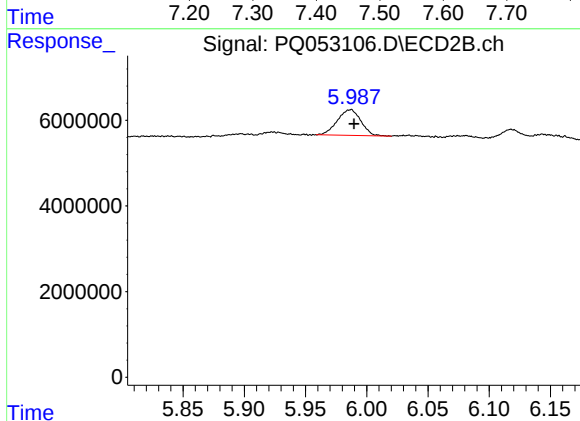
R.T.: 5.739 min  
Delta R.T.: -0.066 min  
Response: 502735  
Conc: 1.32 ng/ml



#24 AR-1248-4

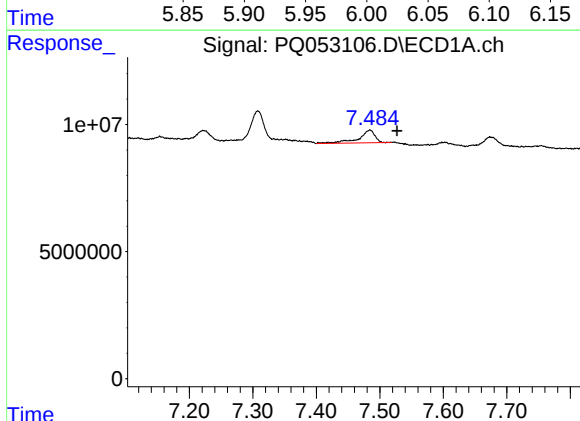
R.T.: 7.484 min  
Delta R.T.: -0.002 min  
Response: 8707872  
Conc: 7.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



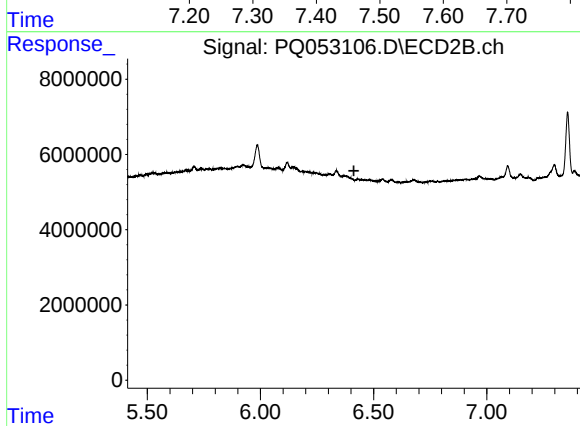
#24 AR-1248-4

R.T.: 5.987 min  
Delta R.T.: -0.003 min  
Response: 8050732  
Conc: 17.22 ng/ml



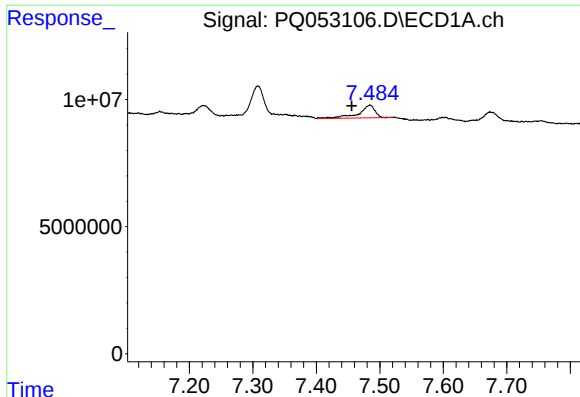
#25 AR-1248-5

R.T.: 7.484 min  
Delta R.T.: -0.043 min  
Response: 8707872  
Conc: 7.64 ng/ml



#25 AR-1248-5

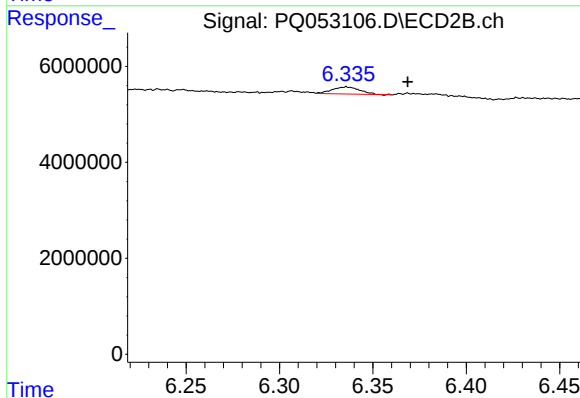
R.T.: 0.000 min  
Exp R.T.: 6.413 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

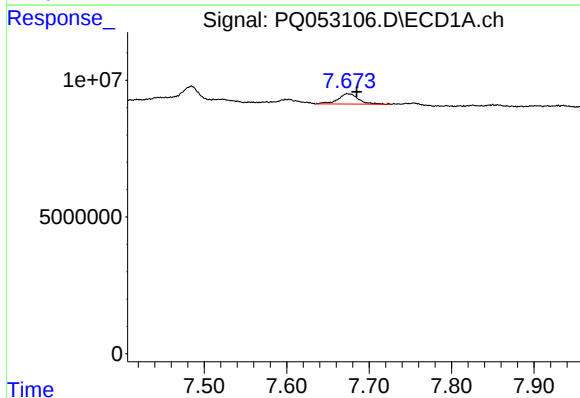
R.T.: 7.484 min  
Delta R.T.: 0.029 min  
Response: 8707872  
Conc: 5.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



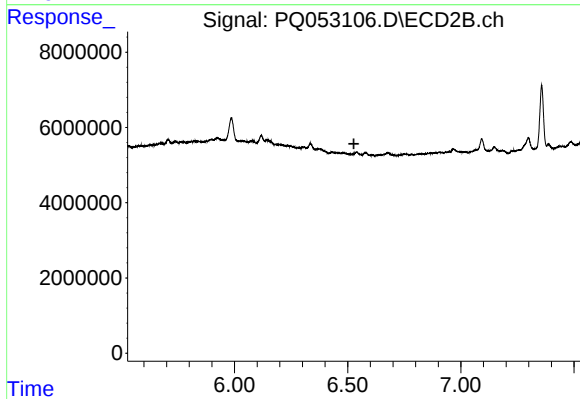
#26 AR-1254-1

R.T.: 6.336 min  
Delta R.T.: -0.033 min  
Response: 1549264  
Conc: 1.44 ng/ml



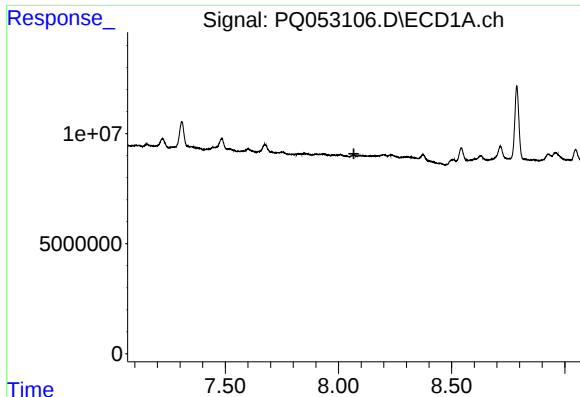
#27 AR-1254-2

R.T.: 7.674 min  
Delta R.T.: -0.011 min  
Response: 6484650  
Conc: 2.65 ng/ml



#27 AR-1254-2

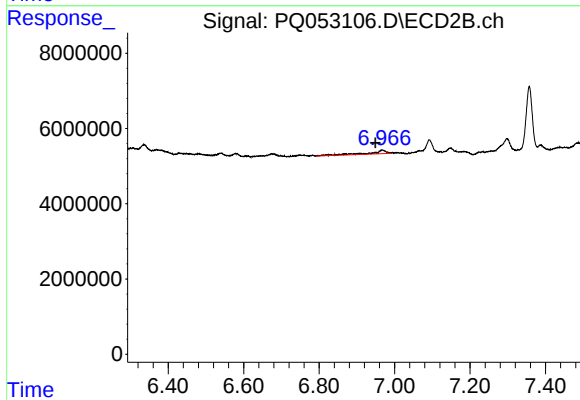
R.T.: 0.000 min  
Exp R.T.: 6.527 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

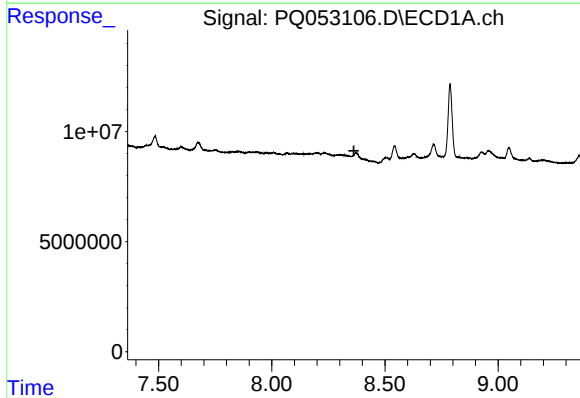
R.T.: 0.000 min  
Exp R.T.: 8.068 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



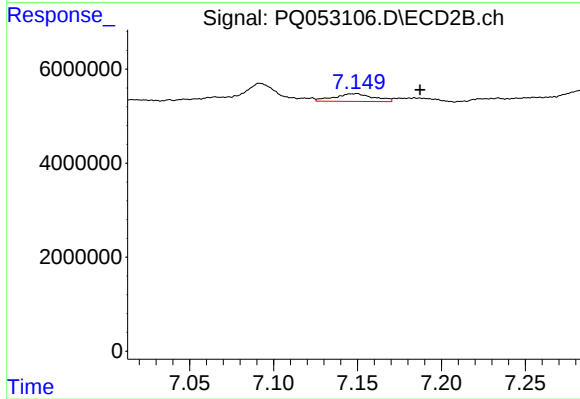
#28 AR-1254-3

R.T.: 6.968 min  
Delta R.T.: 0.019 min  
Response: 2770194  
Conc: 1.79 ng/ml



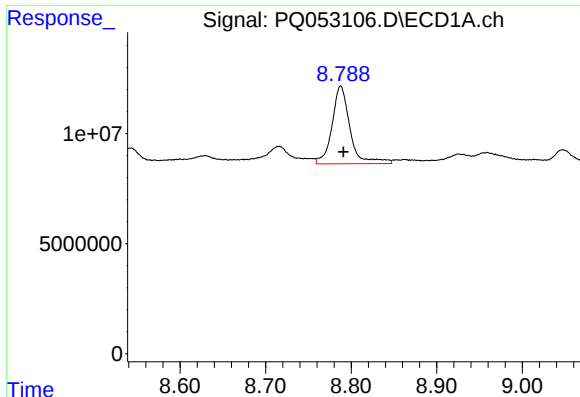
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 8.363 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

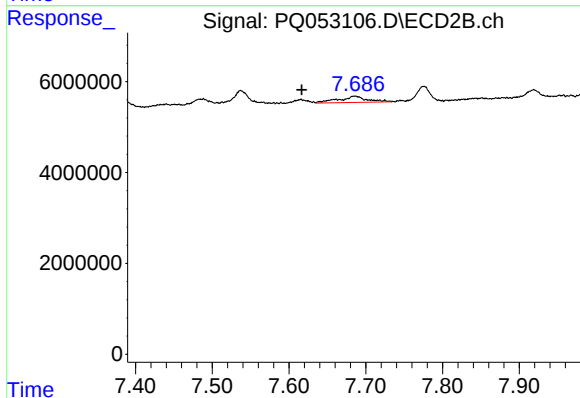
R.T.: 7.149 min  
Delta R.T.: -0.038 min  
Response: 2692792  
Conc: 2.57 ng/ml



#30 AR-1254-5

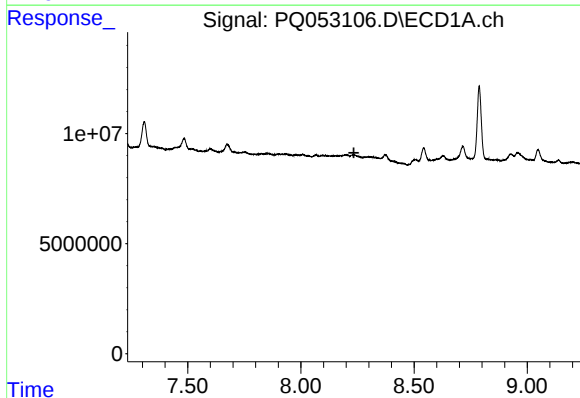
R.T.: 8.788 min  
Delta R.T.: -0.003 min  
Response: 51526765  
Conc: 25.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



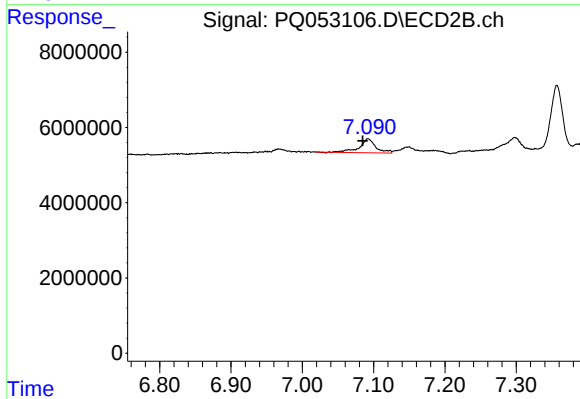
#30 AR-1254-5

R.T.: 7.686 min  
Delta R.T.: 0.069 min  
Response: 3498314  
Conc: 2.40 ng/ml



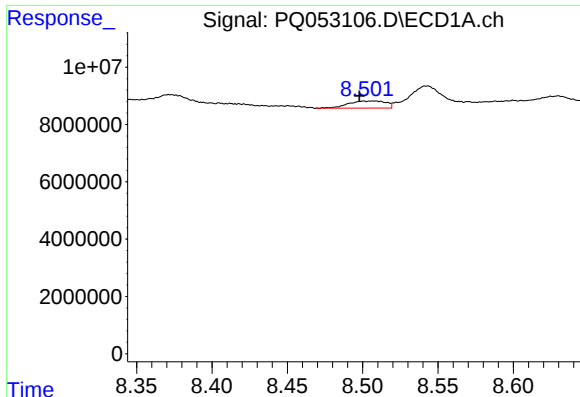
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 8.234 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

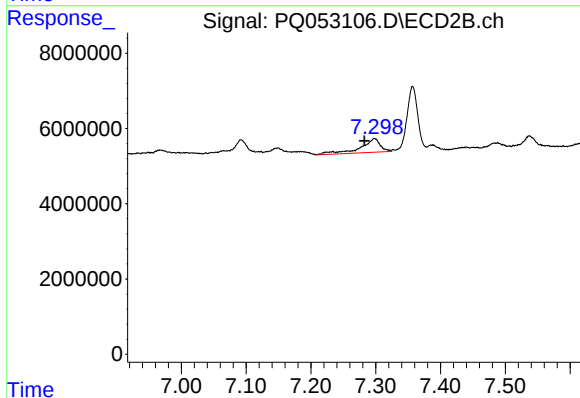
R.T.: 7.092 min  
Delta R.T.: 0.008 min  
Response: 5883746  
Conc: 9.08 ng/ml



#32 AR-1260-2

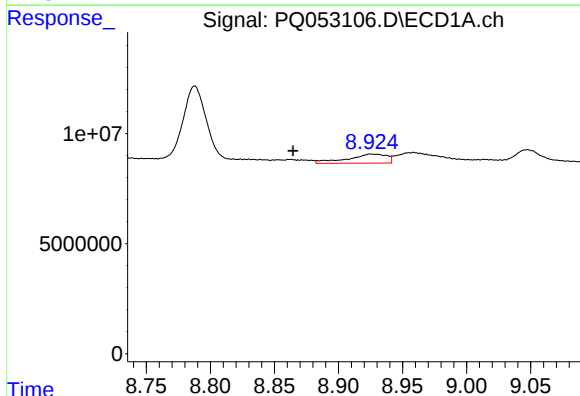
R.T.: 8.507 min  
Delta R.T.: 0.009 min  
Response: 4269207  
Conc: 3.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



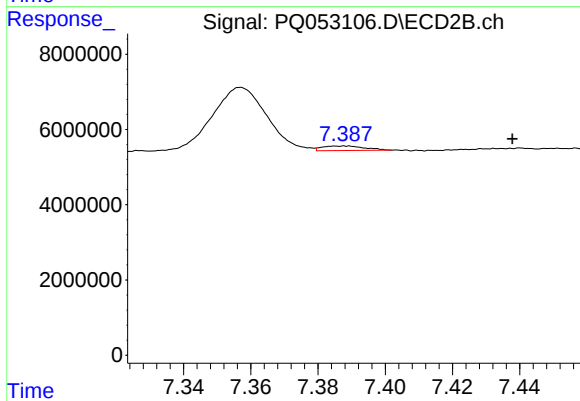
#32 AR-1260-2

R.T.: 7.298 min  
Delta R.T.: 0.016 min  
Response: 7775624  
Conc: 8.39 ng/ml



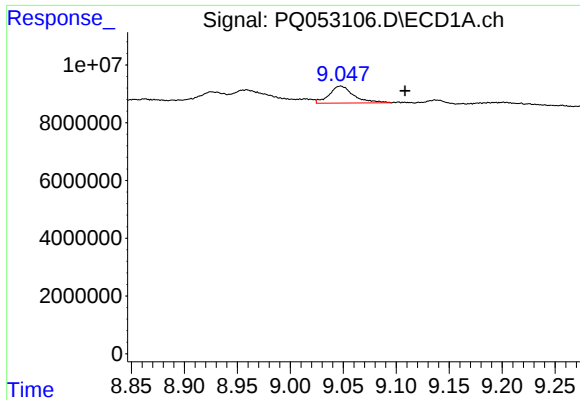
#33 AR-1260-3

R.T.: 8.926 min  
Delta R.T.: 0.061 min  
Response: 8805008  
Conc: 8.22 ng/ml



#33 AR-1260-3

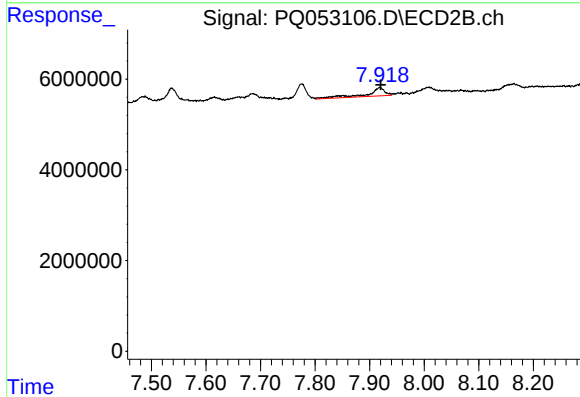
R.T.: 7.388 min  
Delta R.T.: -0.050 min  
Response: 1075315  
Conc: 1.38 ng/ml



#34 AR-1260-4

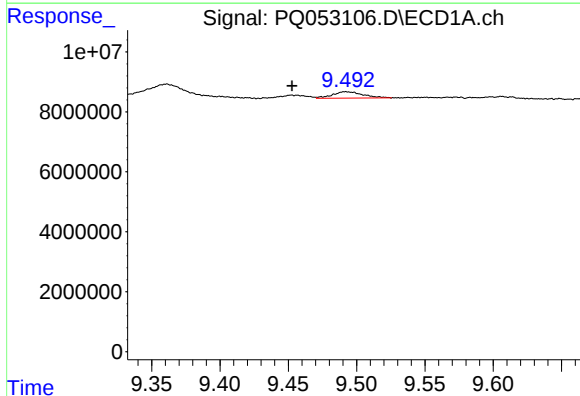
R.T.: 9.047 min  
Delta R.T.: -0.061 min  
Response: 9443124  
Conc: 7.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



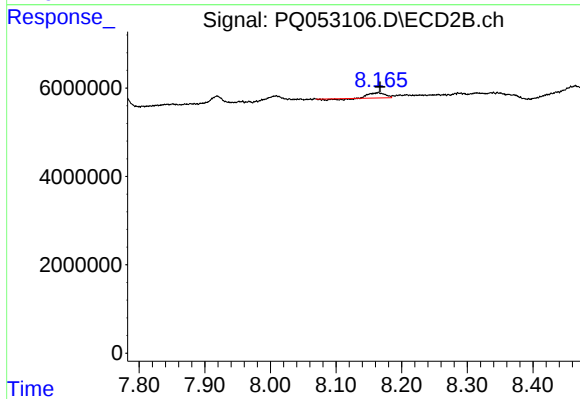
#34 AR-1260-4

R.T.: 7.919 min  
Delta R.T.: -0.002 min  
Response: 4171060  
Conc: 6.14 ng/ml



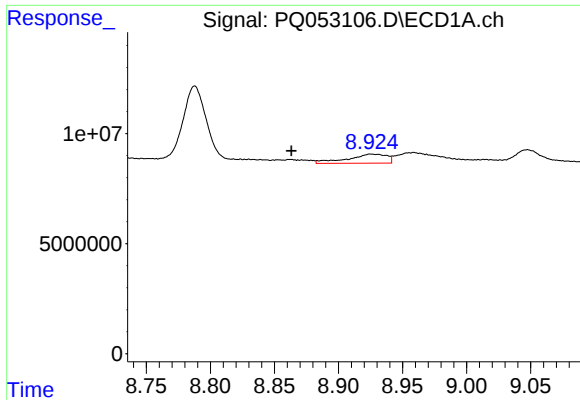
#35 AR-1260-5

R.T.: 9.492 min  
Delta R.T.: 0.039 min  
Response: 3307595  
Conc: 1.29 ng/ml



#35 AR-1260-5

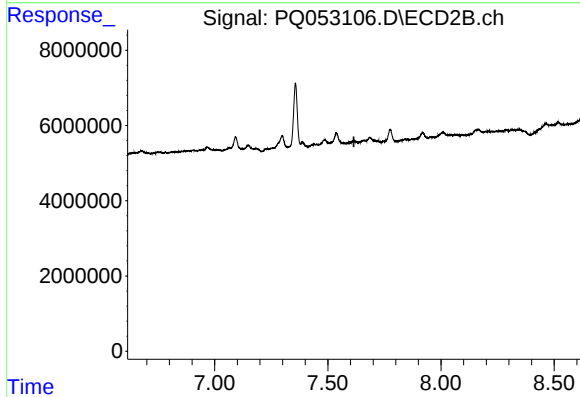
R.T.: 8.164 min  
Delta R.T.: -0.003 min  
Response: 1655900  
Conc: 0.90 ng/ml



#36 AR-1262-1

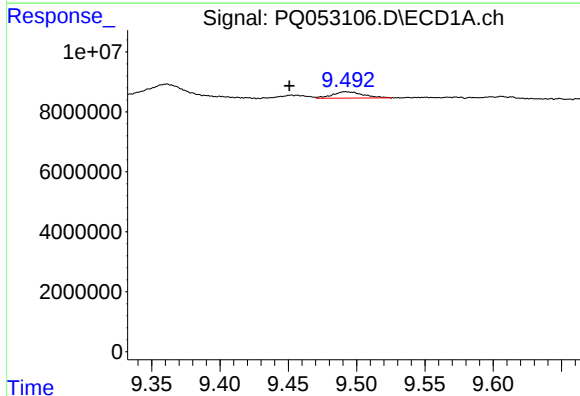
R.T.: 8.926 min  
Delta R.T.: 0.062 min  
Response: 8805008  
Conc: 4.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



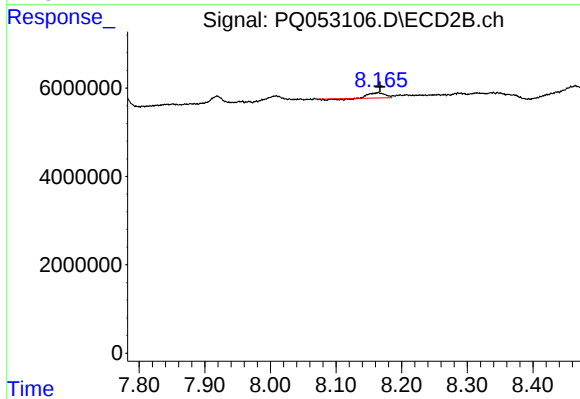
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.615 min  
Response: 0  
Conc: N.D.



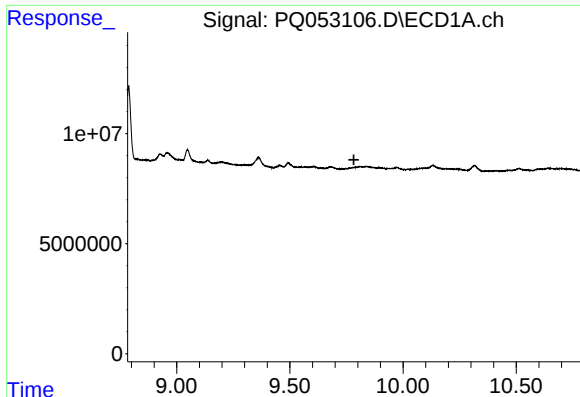
#37 AR-1262-2

R.T.: 9.492 min  
Delta R.T.: 0.041 min  
Response: 3307595  
Conc: 0.89 ng/ml



#37 AR-1262-2

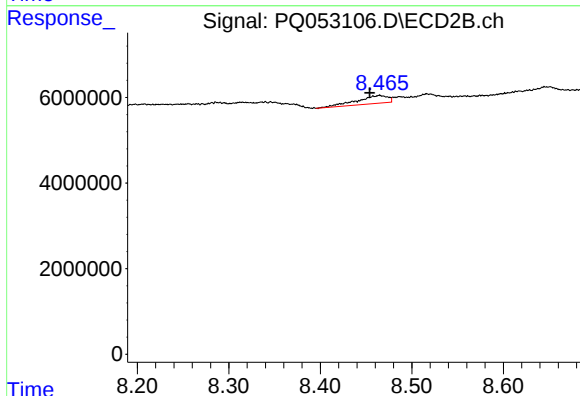
R.T.: 8.164 min  
Delta R.T.: -0.002 min  
Response: 1655900  
Conc: 0.65 ng/ml



#38 AR-1262-3

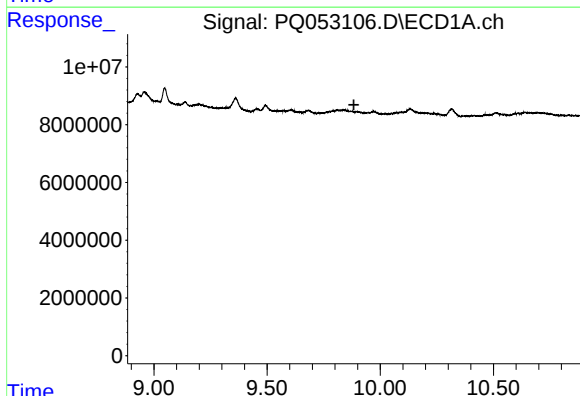
R.T.: 0.000 min  
Exp R.T. : 9.783 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



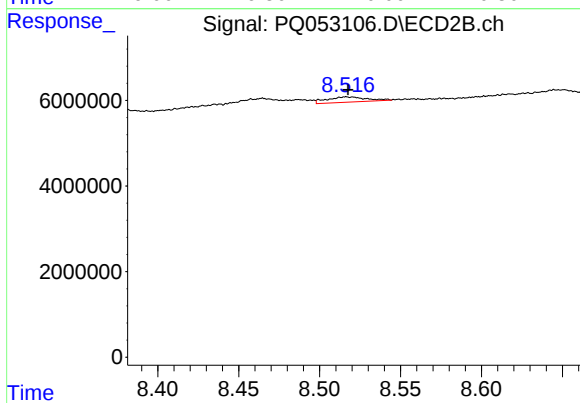
#38 AR-1262-3

R.T.: 8.465 min  
Delta R.T.: 0.011 min  
Response: 4328068  
Conc: 4.26 ng/ml



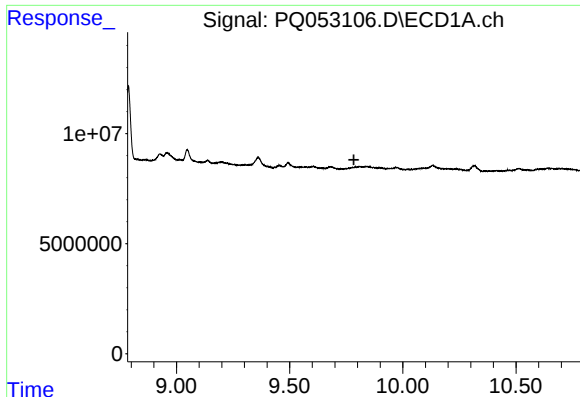
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.884 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

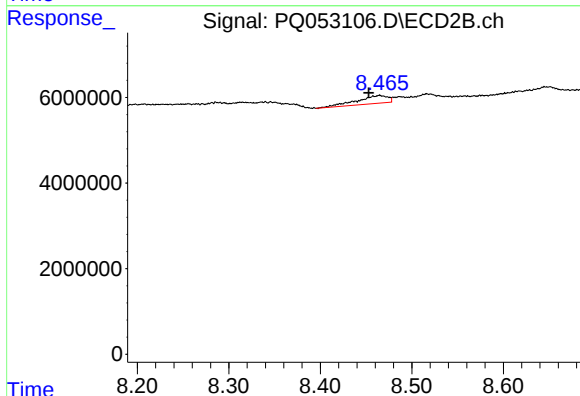
R.T.: 8.517 min  
Delta R.T.: -0.001 min  
Response: 2071505  
Conc: 1.20 ng/ml



#41 AR-1268-1

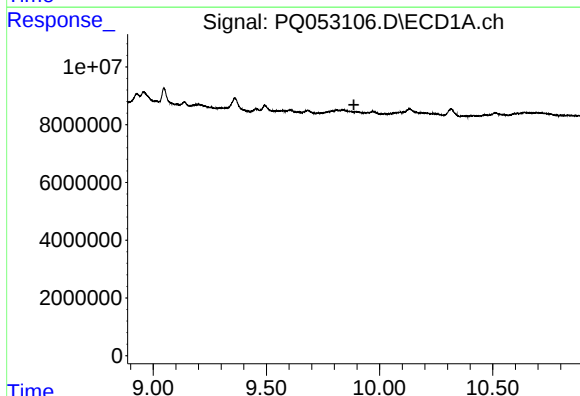
R.T.: 0.000 min  
Exp R.T. : 9.784 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



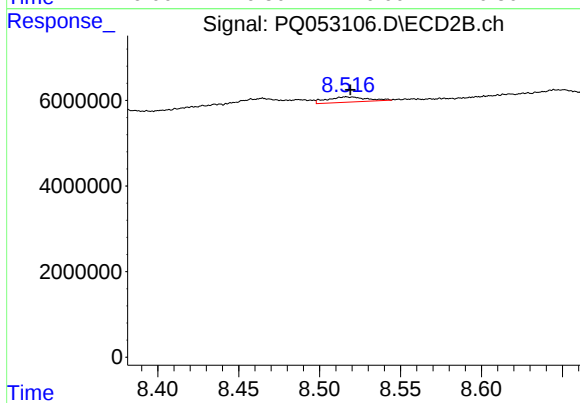
#41 AR-1268-1

R.T.: 8.465 min  
Delta R.T.: 0.012 min  
Response: 4328068  
Conc: 1.48 ng/ml



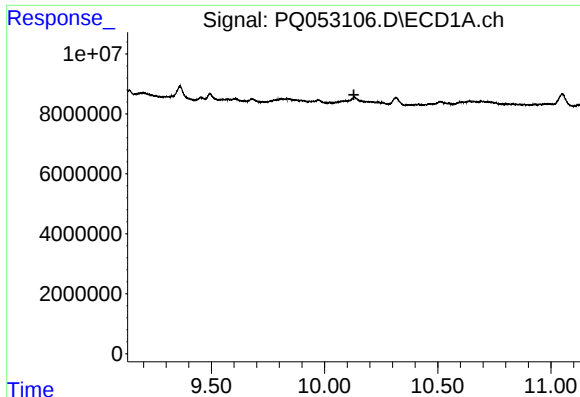
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.886 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

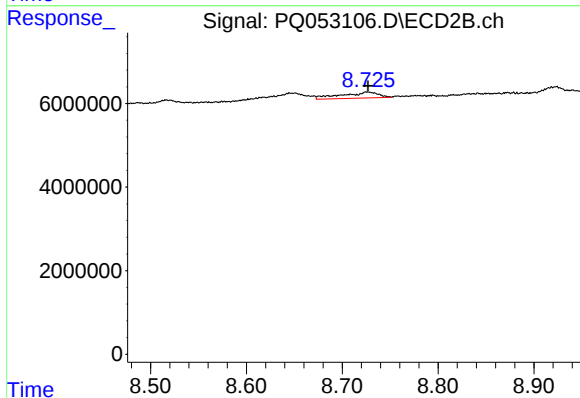
R.T.: 8.517 min  
Delta R.T.: -0.003 min  
Response: 2071505  
Conc: 0.83 ng/ml



#43 AR-1268-3

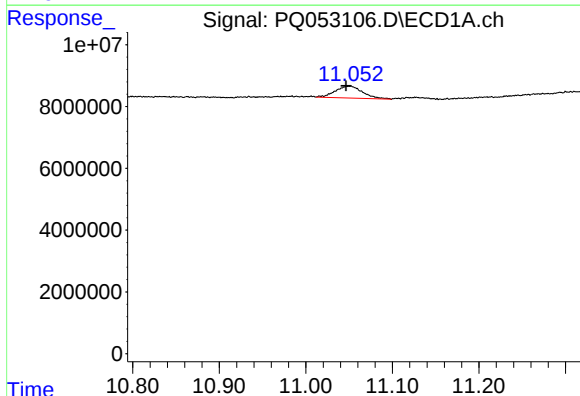
R.T.: 0.000 min  
Exp R.T.: 10.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



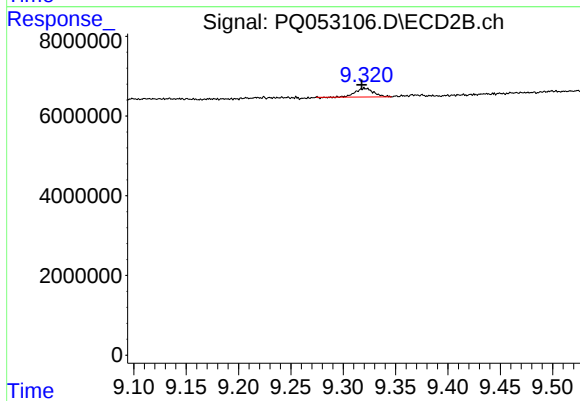
#43 AR-1268-3

R.T.: 8.726 min  
Delta R.T.: 0.000 min  
Response: 3832781  
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 11.051 min  
Delta R.T.: 0.004 min  
Response: 8521563  
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 9.321 min  
Delta R.T.: 0.003 min  
Response: 2592040  
Conc: 0.42 ng/ml