

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092518\  
 Data File : PQ032178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Sep 2018 10:40  
 Operator : SM\SJ  
 Sample : PB113164BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 05:32:55 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092018CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 21 05:45:25 2018  
 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... | 4.594  | 3.873 | 45966503 | 39971819 | 21.735 | 22.885   |
| 2)                          | SA Decachlor... | 10.448 | 8.949 | 87116020 | 78262715 | 41.426 | 42.207   |
|                             |                 |        |       |          |          |        |          |
| Target Compounds            |                 |        |       |          |          |        |          |
| 5)                          | L1 AR-1016-3    | 5.892  | 0.000 | 476964   | 0        | 7.089  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.892  | 0.000 | 476964   | 0        | 8.685  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.275  | 0.000 | 641099   | 0        | 11.186 | N.D. #   |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.049 | 0        | 493459   | N.D.   | 27.345 # |
| 9)                          | L2 AR-1221-2    | 4.906  | 4.181 | 529652   | 566518   | 36.275 | 45.777 # |
| 10)                         | L2 AR-1221-3    | 4.906  | 0.000 | 529652   | 0        | 10.329 | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.906  | 0.000 | 529652   | 0        | 14.882 | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.485  | 0.000 | 326214   | 0        | 17.648 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.892  | 0.000 | 476964   | 0        | 26.324 | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.892  | 0.000 | 476964   | 0        | 10.180 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.892  | 0.000 | 476964   | 0        | 12.734 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.708  | 0.000 | 221801   | 0        | 5.100  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.275  | 0.000 | 641099   | 0        | 8.215  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.629  | 0.000 | 217317   | 0        | 2.385  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.708  | 0.000 | 221801   | 0        | 2.570  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.629  | 0.000 | 217317   | 0        | 2.213  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.867  | 0.000 | 1257809  | 0        | 8.123  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.231  | 0.000 | 663768   | 0        | 3.938  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.435  | 0.000 | 167159   | 0        | 1.337  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.399  | 0.000 | 543396   | 0        | 4.381  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.607  | 6.645 | 340290   | 254690   | 2.317  | 1.874    |
| 33)                         | L7 AR-1260-3    | 8.029  | 0.000 | 179394   | 0        | 1.700  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.212  | 7.217 | 435419   | 121938   | 3.580  | 1.197 #  |
| 35)                         | L7 AR-1260-5    | 8.554  | 7.485 | 1932465  | 75474    | 7.994  | 0.306 #  |
| 36)                         | L8 AR-1262-1    | 8.029  | 7.062 | 179394   | 37859    | 1.266  | 0.271 #  |
| 37)                         | L8 AR-1262-2    | 8.554  | 7.485 | 1932465  | 75474    | 7.414  | 0.288 #  |
| 38)                         | L8 AR-1262-3    | 8.919  | 0.000 | 484942   | 0        | 2.787  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.968  | 0.000 | 192236   | 0        | 1.479  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.919  | 0.000 | 484942   | 0        | 1.396  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.968  | 0.000 | 192236   | 0        | 0.609  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.218  | 8.108 | 443193   | 210148   | 1.659  | 0.844 #  |
| 45)                         | L9 AR-1268-5    | 10.092 | 8.677 | 709462   | 800490   | 0.826  | 1.009    |
| -----                       |                 |        |       |          |          |        |          |

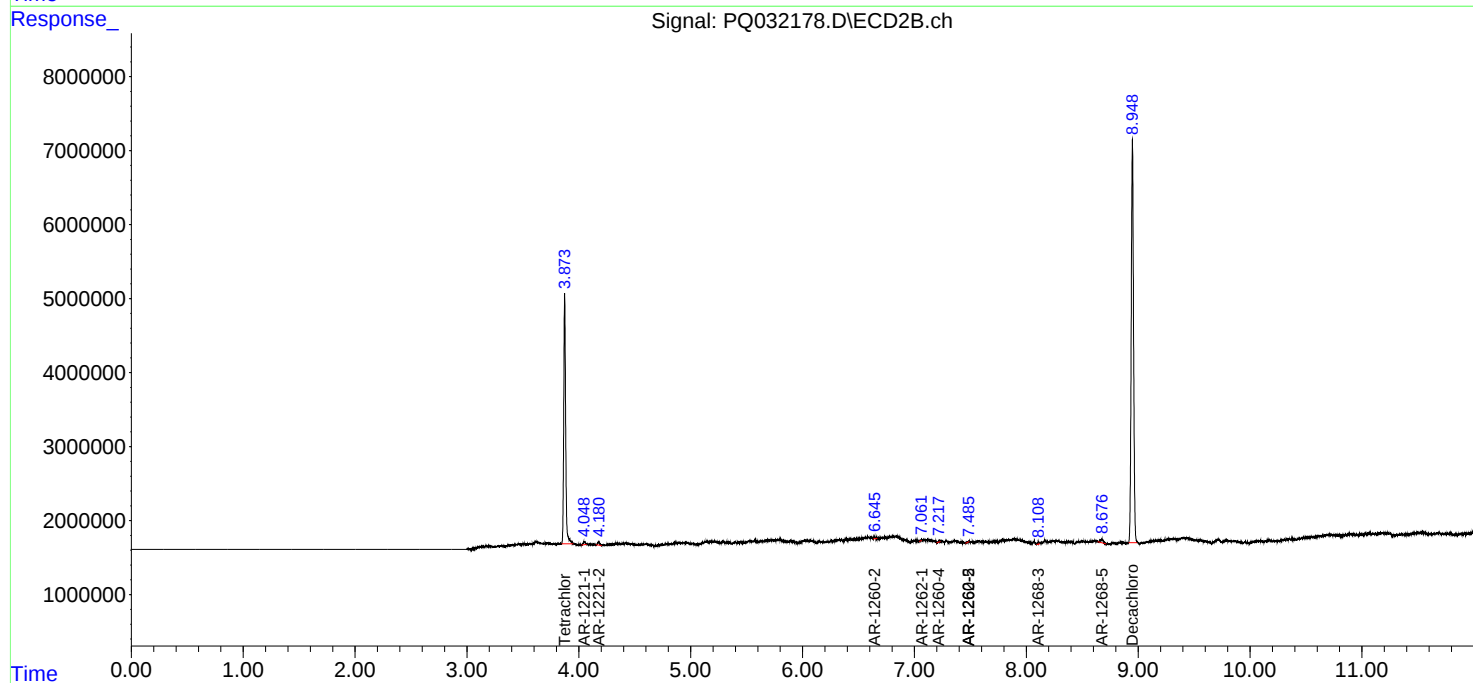
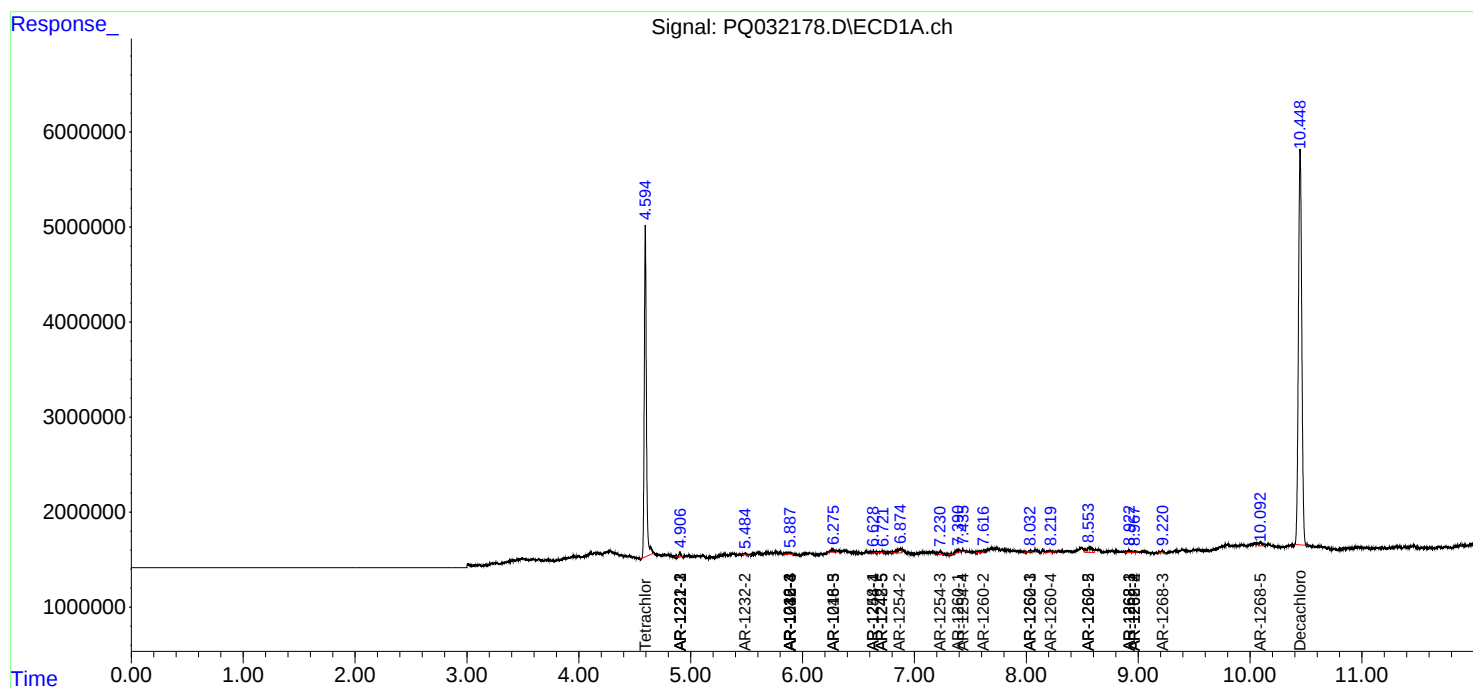
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

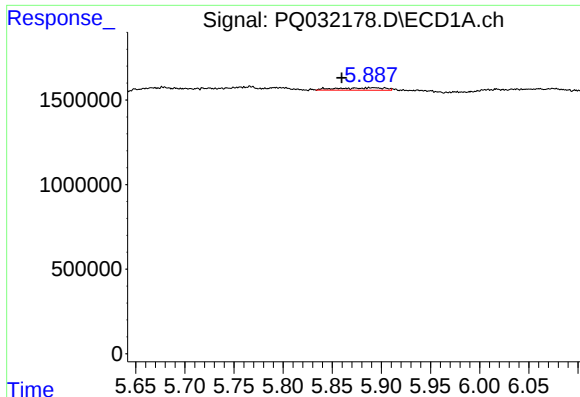
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092518\  
Data File : PQ032178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Sep 2018 10:40  
Operator : SM\SJ  
Sample : PB113164BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 05:32:55 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092018CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 21 05:45:25 2018  
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

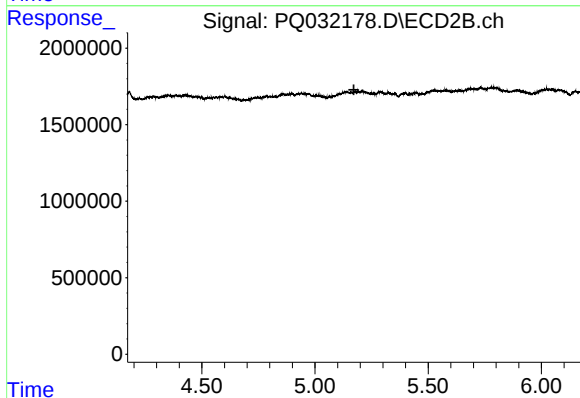




#5 AR-1016-3

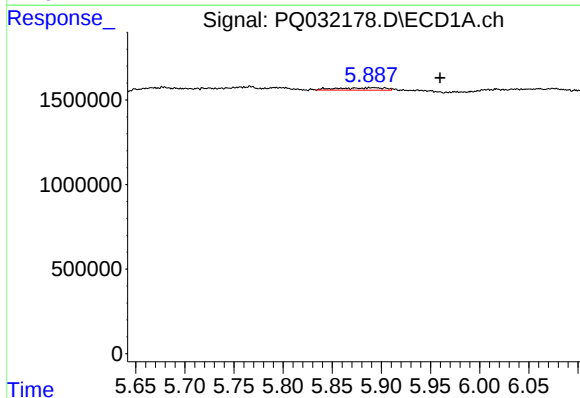
R.T.: 5.892 min  
Delta R.T.: 0.032 min  
Response: 476964  
Conc: 7.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



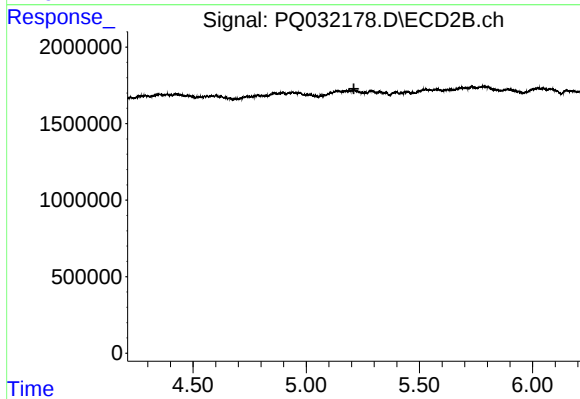
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.172 min  
Response: 0  
Conc: N.D.



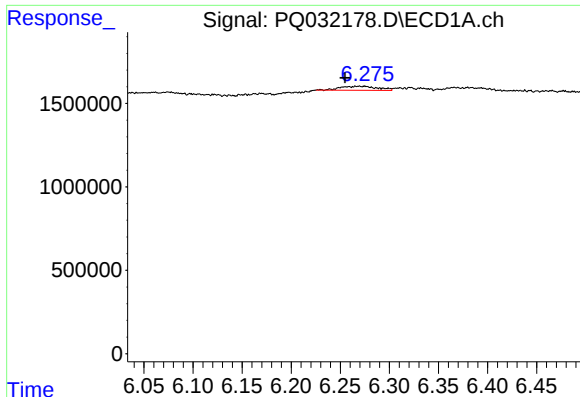
#6 AR-1016-4

R.T.: 5.892 min  
Delta R.T.: -0.067 min  
Response: 476964  
Conc: 8.68 ng/ml



#6 AR-1016-4

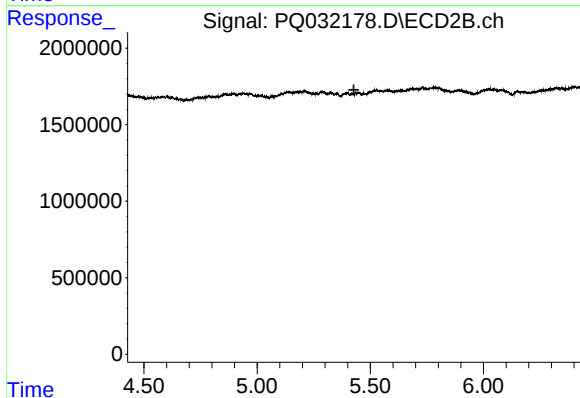
R.T.: 0.000 min  
Exp R.T. : 5.211 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

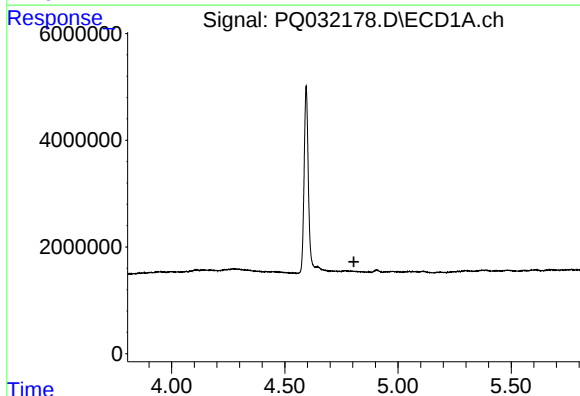
R.T.: 6.275 min  
Delta R.T.: 0.020 min  
Response: 641099  
Conc: 11.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



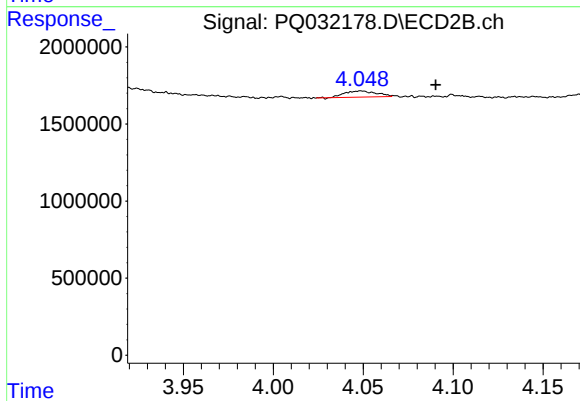
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.427 min  
Response: 0  
Conc: N.D.



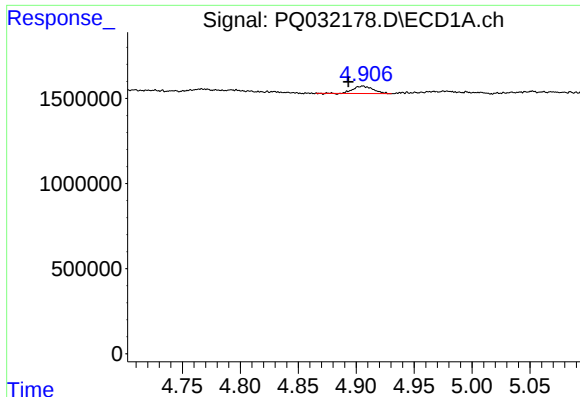
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.805 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

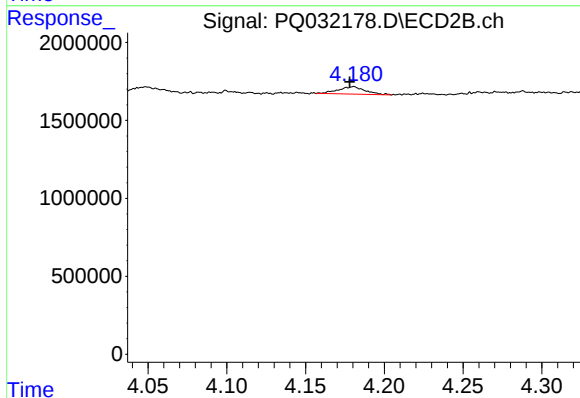
R.T.: 4.049 min  
Delta R.T.: -0.042 min  
Response: 493459  
Conc: 27.34 ng/ml



#9 AR-1221-2

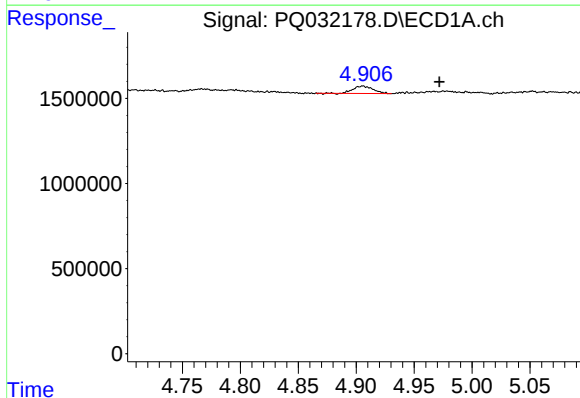
R.T.: 4.906 min  
Delta R.T.: 0.012 min  
Response: 529652  
Conc: 36.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



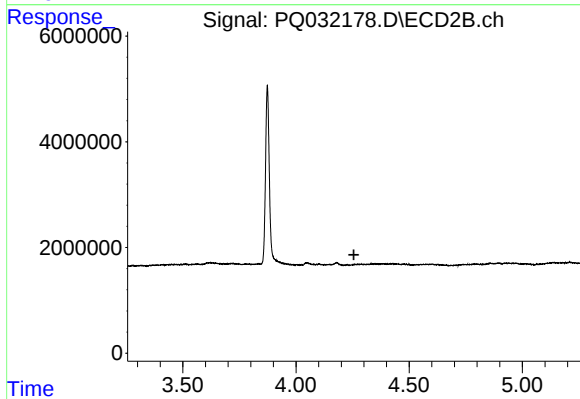
#9 AR-1221-2

R.T.: 4.181 min  
Delta R.T.: 0.003 min  
Response: 566518  
Conc: 45.78 ng/ml



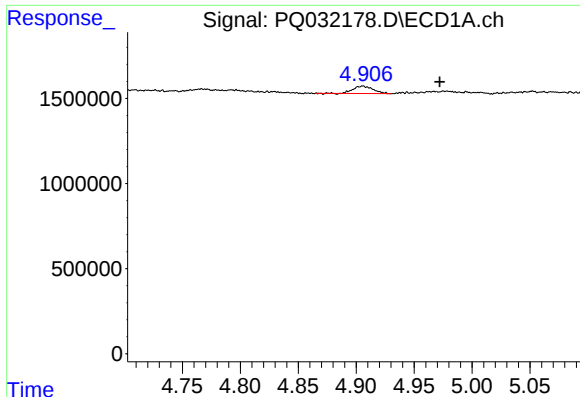
#10 AR-1221-3

R.T.: 4.906 min  
Delta R.T.: -0.066 min  
Response: 529652  
Conc: 10.33 ng/ml



#10 AR-1221-3

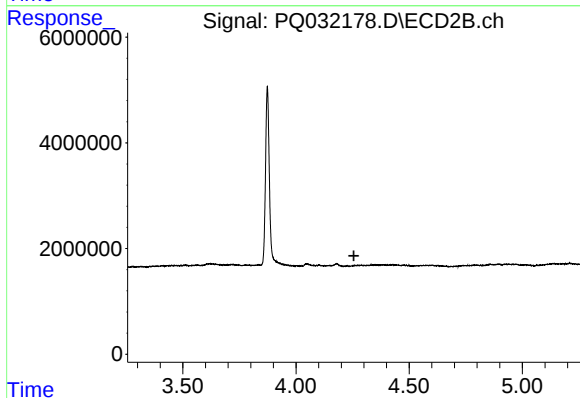
R.T.: 0.000 min  
Exp R.T.: 4.256 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

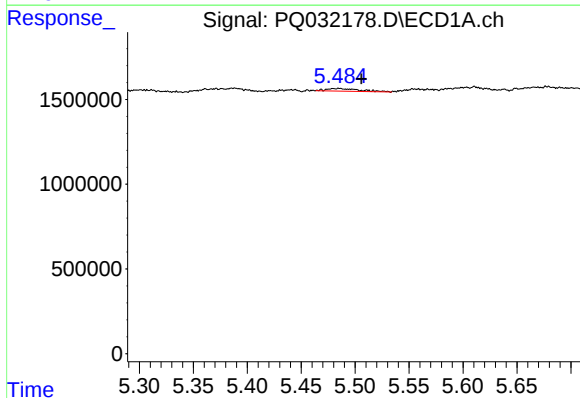
R.T.: 4.906 min  
Delta R.T.: -0.066 min  
Response: 529652  
Conc: 14.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



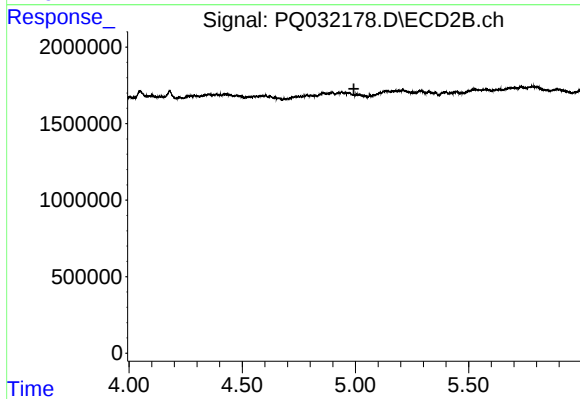
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.256 min  
Response: 0  
Conc: N.D.



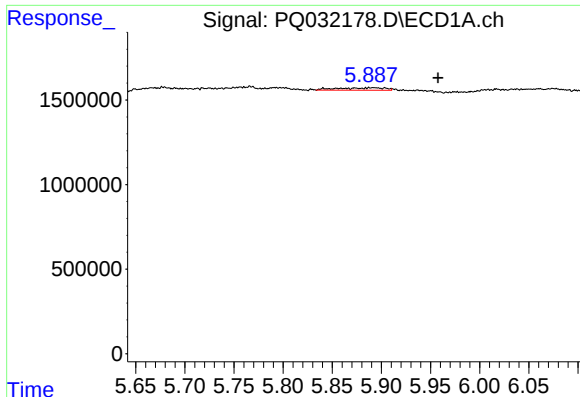
#12 AR-1232-2

R.T.: 5.485 min  
Delta R.T.: -0.020 min  
Response: 326214  
Conc: 17.65 ng/ml



#12 AR-1232-2

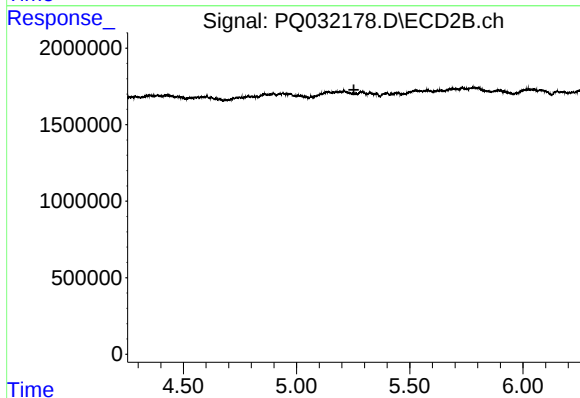
R.T.: 0.000 min  
Exp R.T. : 4.993 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

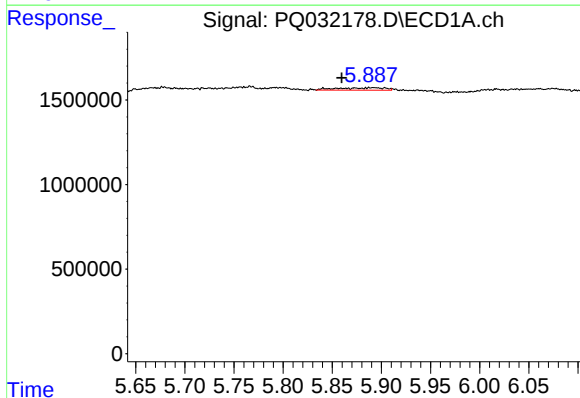
R.T.: 5.892 min  
Delta R.T.: -0.066 min  
Response: 476964  
Conc: 26.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



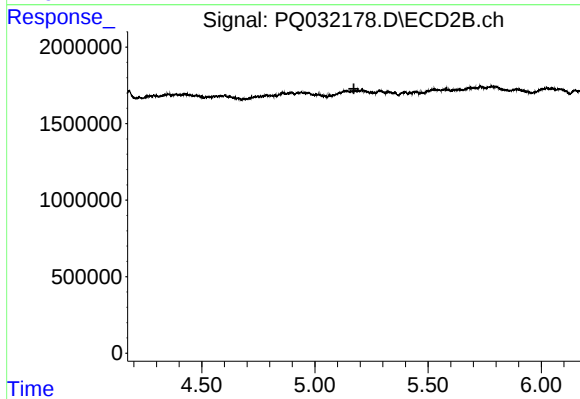
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.253 min  
Response: 0  
Conc: N.D.



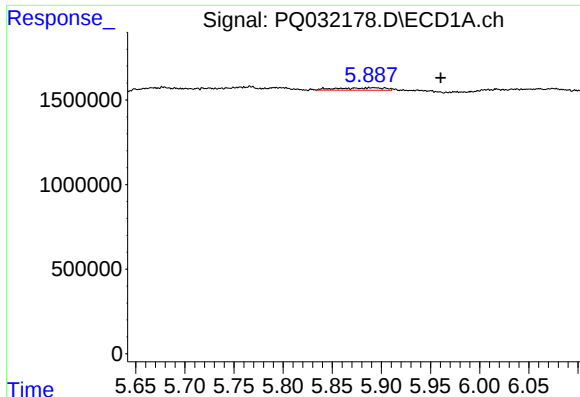
#18 AR-1242-3

R.T.: 5.892 min  
Delta R.T.: 0.032 min  
Response: 476964  
Conc: 10.18 ng/ml



#18 AR-1242-3

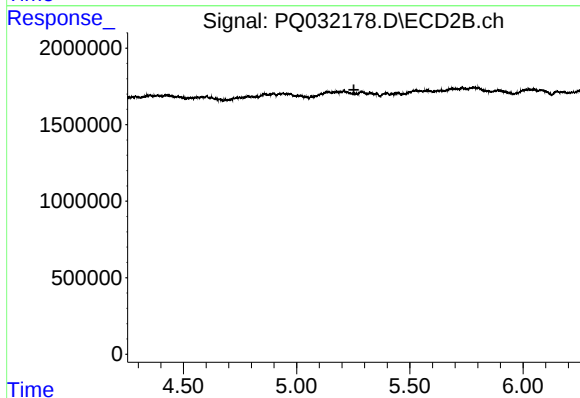
R.T.: 0.000 min  
Exp R.T. : 5.172 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

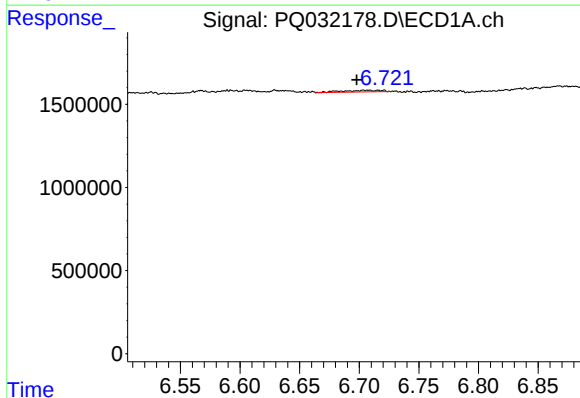
R.T.: 5.892 min  
Delta R.T.: -0.068 min  
Response: 476964  
Conc: 12.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



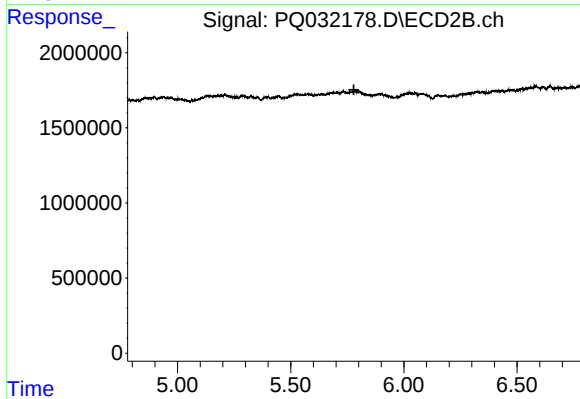
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.253 min  
Response: 0  
Conc: N.D.



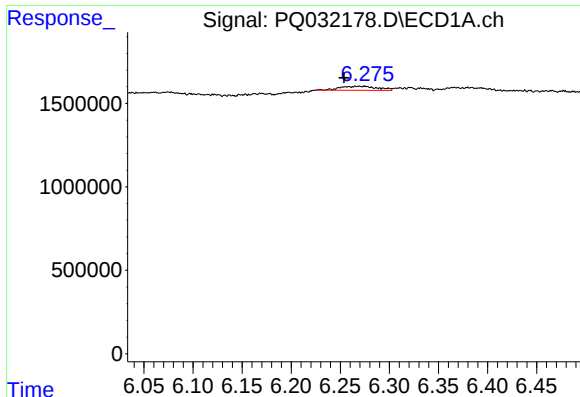
#20 AR-1242-5

R.T.: 6.708 min  
Delta R.T.: 0.010 min  
Response: 221801  
Conc: 5.10 ng/ml



#20 AR-1242-5

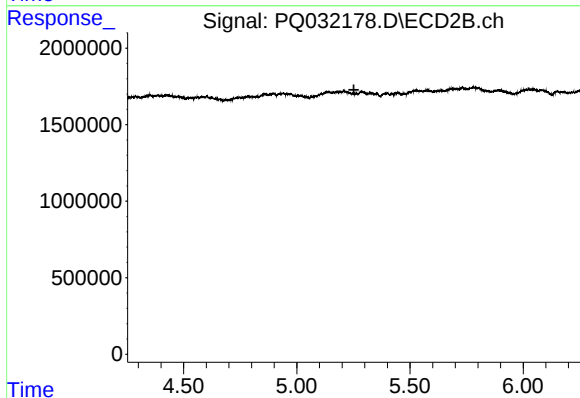
R.T.: 0.000 min  
Exp R.T. : 5.779 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

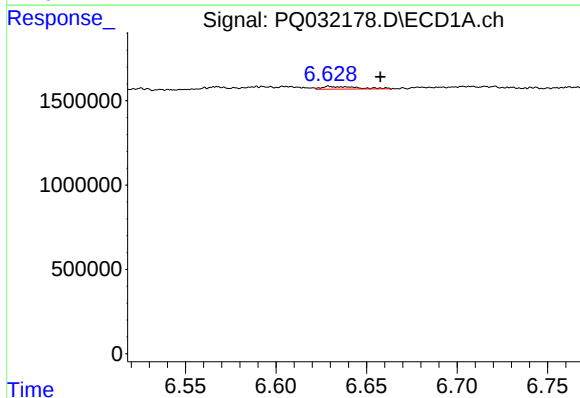
R.T.: 6.275 min  
Delta R.T.: 0.021 min  
Response: 641099  
Conc: 8.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



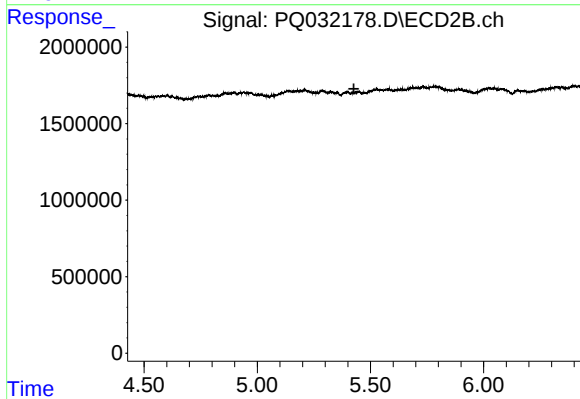
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



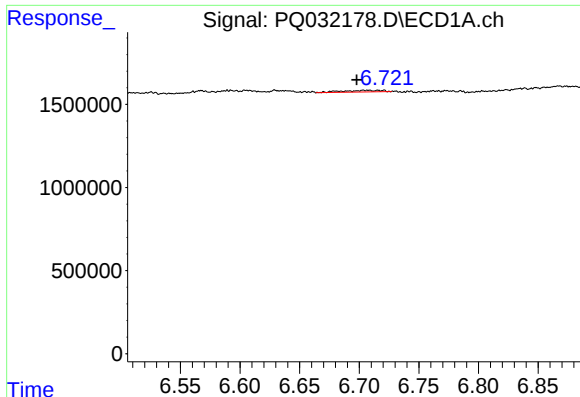
#24 AR-1248-4

R.T.: 6.629 min  
Delta R.T.: -0.028 min  
Response: 217317  
Conc: 2.39 ng/ml



#24 AR-1248-4

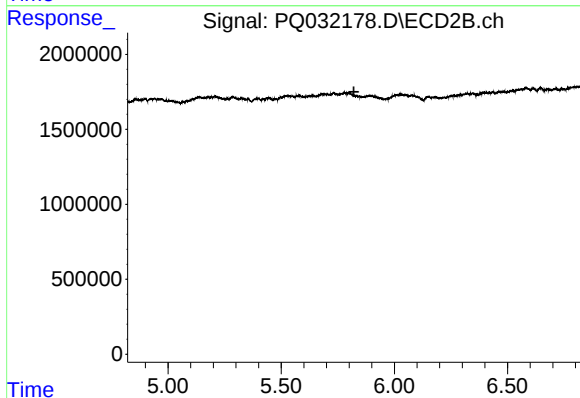
R.T.: 0.000 min  
Exp R.T. : 5.427 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

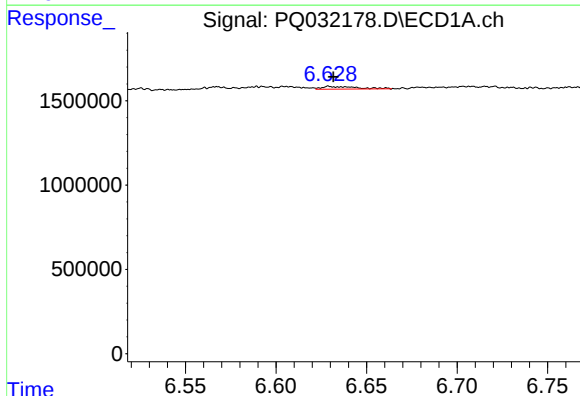
R.T.: 6.708 min  
Delta R.T.: 0.010 min  
Response: 221801  
Conc: 2.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



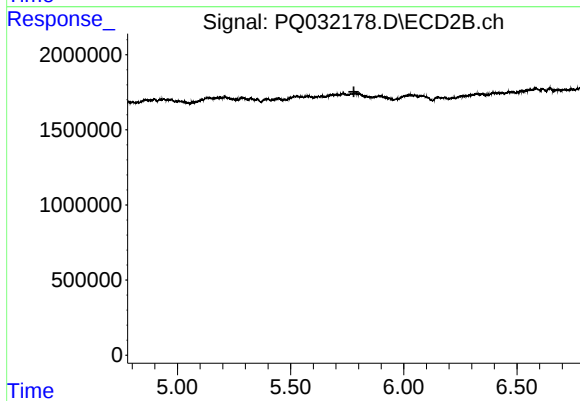
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.821 min  
Response: 0  
Conc: N.D.



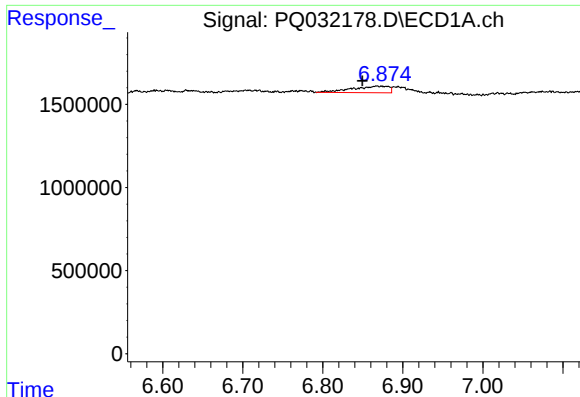
#26 AR-1254-1

R.T.: 6.629 min  
Delta R.T.: -0.002 min  
Response: 217317  
Conc: 2.21 ng/ml



#26 AR-1254-1

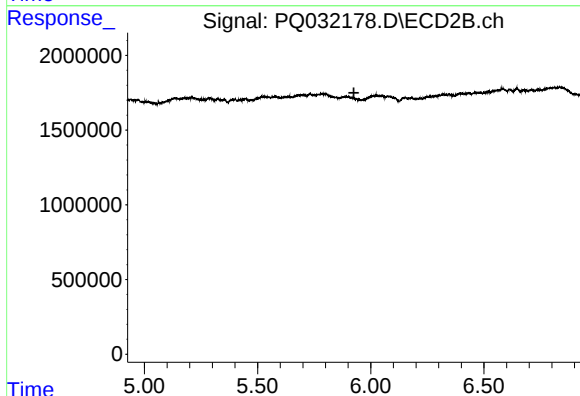
R.T.: 0.000 min  
Exp R.T. : 5.779 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

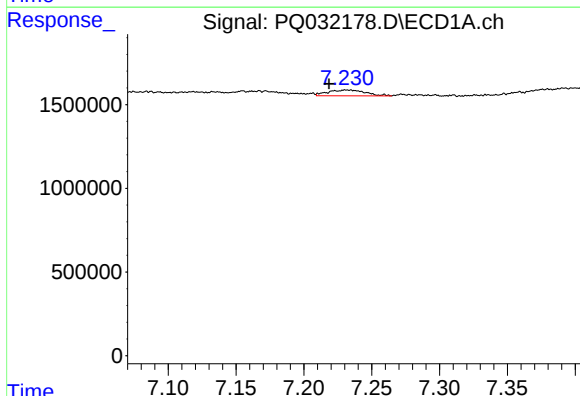
R.T.: 6.867 min  
Delta R.T.: 0.018 min  
Response: 1257809  
Conc: 8.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



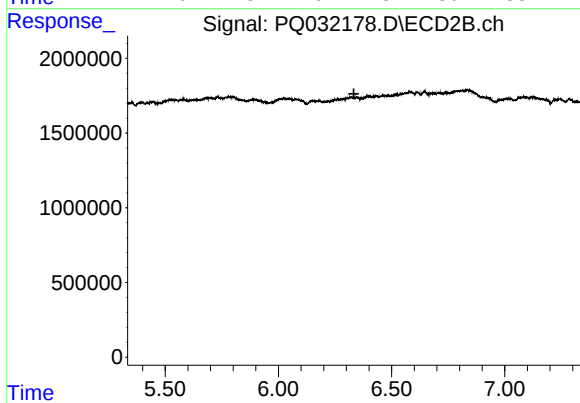
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.926 min  
Response: 0  
Conc: N.D.



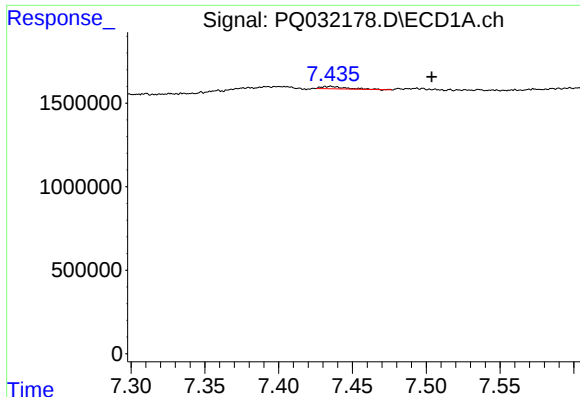
#28 AR-1254-3

R.T.: 7.231 min  
Delta R.T.: 0.013 min  
Response: 663768  
Conc: 3.94 ng/ml



#28 AR-1254-3

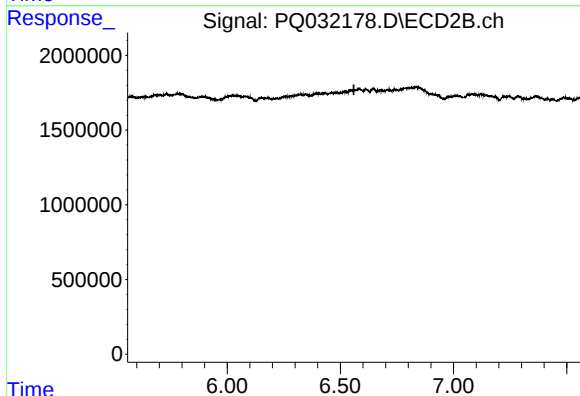
R.T.: 0.000 min  
Exp R.T. : 6.333 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

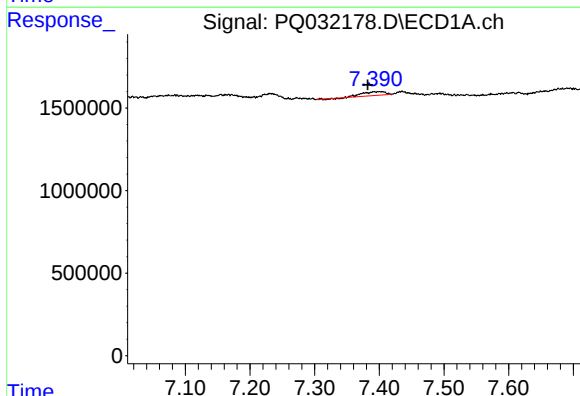
R.T.: 7.435 min  
Delta R.T.: -0.069 min  
Response: 167159  
Conc: 1.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



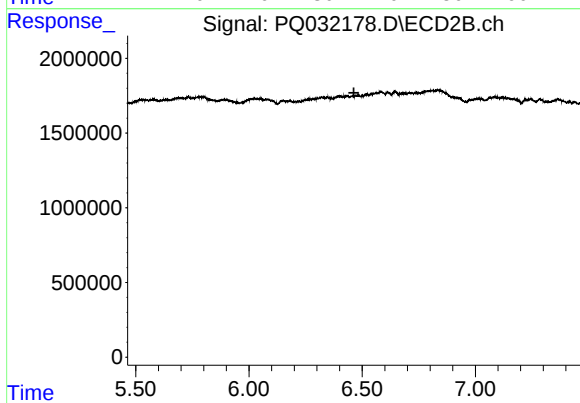
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.560 min  
Response: 0  
Conc: N.D.



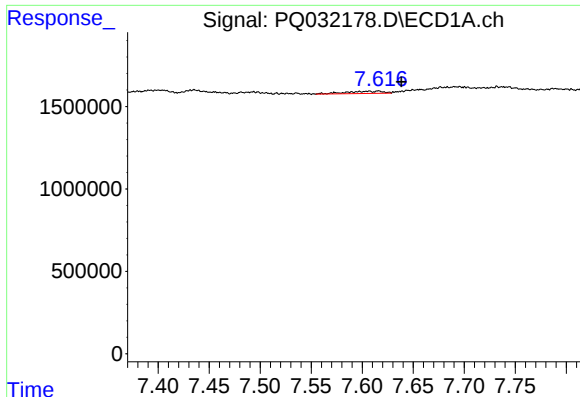
#31 AR-1260-1

R.T.: 7.399 min  
Delta R.T.: 0.018 min  
Response: 543396  
Conc: 4.38 ng/ml



#31 AR-1260-1

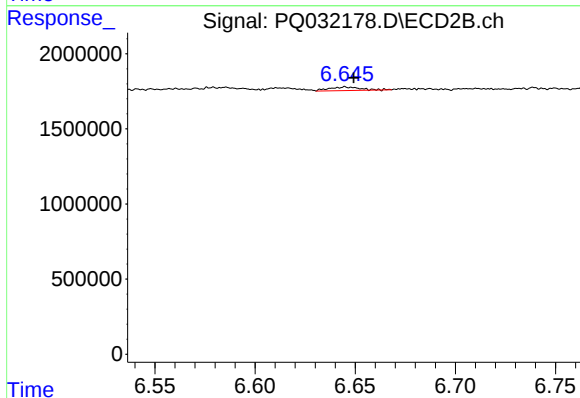
R.T.: 0.000 min  
Exp R.T. : 6.463 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

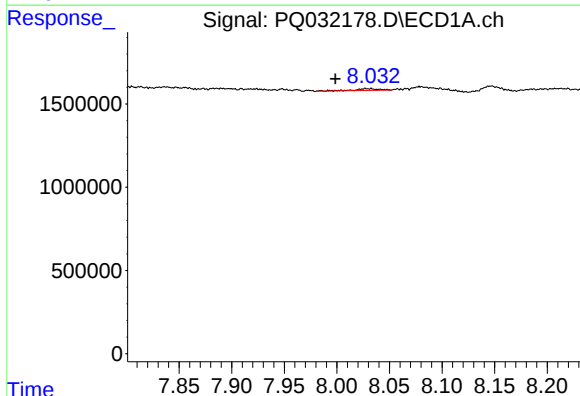
R.T.: 7.607 min  
Delta R.T.: -0.032 min  
Response: 340290  
Conc: 2.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



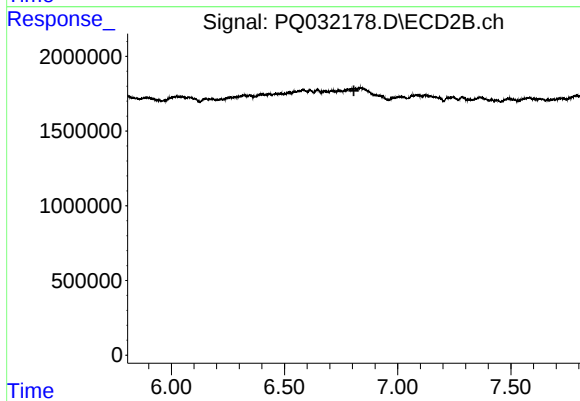
#32 AR-1260-2

R.T.: 6.645 min  
Delta R.T.: -0.004 min  
Response: 254690  
Conc: 1.87 ng/ml



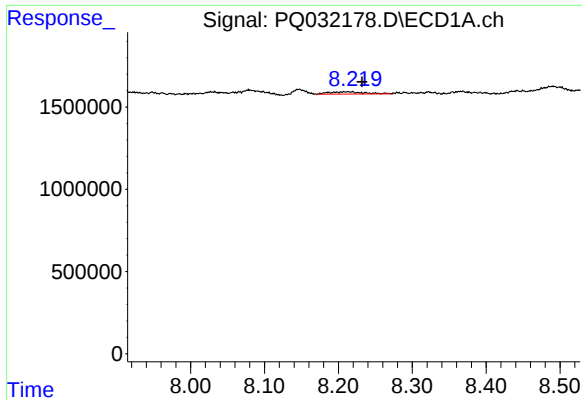
#33 AR-1260-3

R.T.: 8.029 min  
Delta R.T.: 0.031 min  
Response: 179394  
Conc: 1.70 ng/ml



#33 AR-1260-3

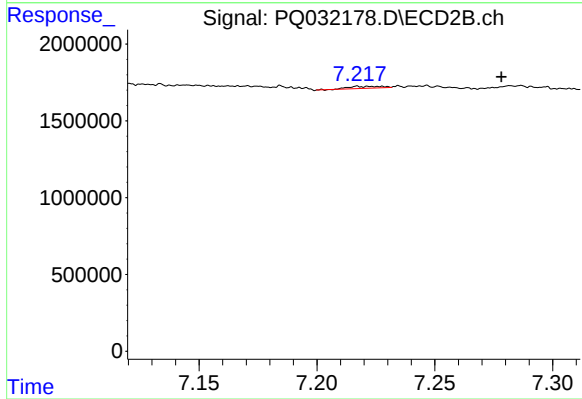
R.T.: 0.000 min  
Exp R.T.: 6.806 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

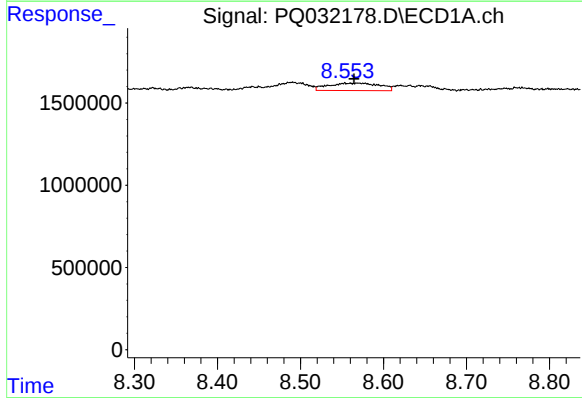
R.T.: 8.212 min  
Delta R.T.: -0.020 min  
Response: 435419  
Conc: 3.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



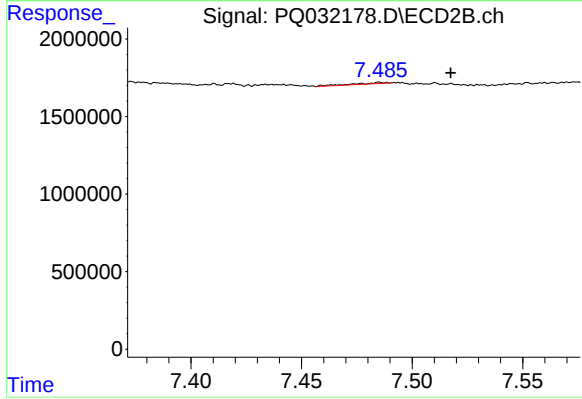
#34 AR-1260-4

R.T.: 7.217 min  
Delta R.T.: -0.061 min  
Response: 121938  
Conc: 1.20 ng/ml



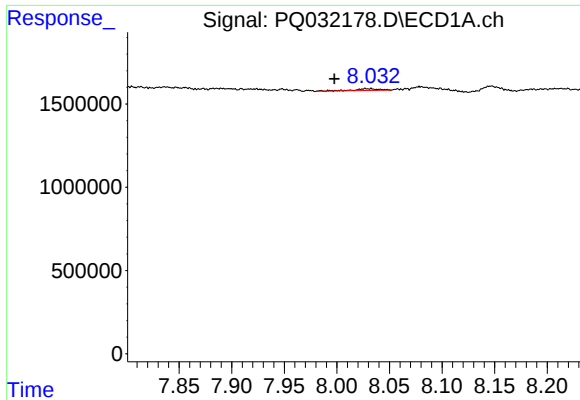
#35 AR-1260-5

R.T.: 8.554 min  
Delta R.T.: -0.010 min  
Response: 1932465  
Conc: 7.99 ng/ml



#35 AR-1260-5

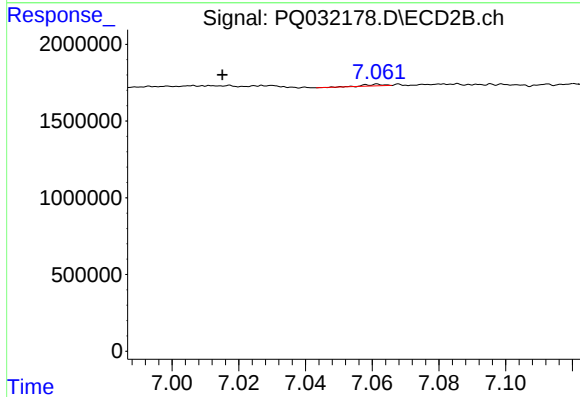
R.T.: 7.485 min  
Delta R.T.: -0.032 min  
Response: 75474  
Conc: 0.31 ng/ml



#36 AR-1262-1

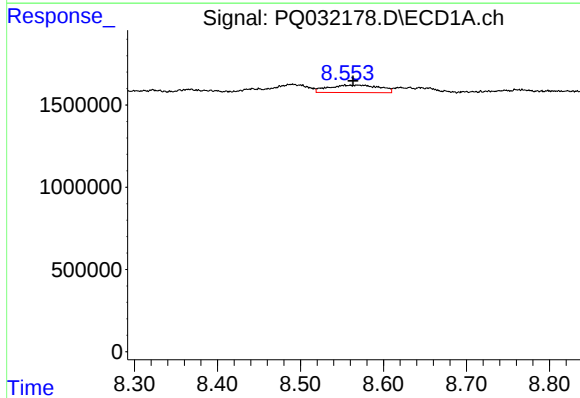
R.T.: 8.029 min  
Delta R.T.: 0.031 min  
Response: 179394  
Conc: 1.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



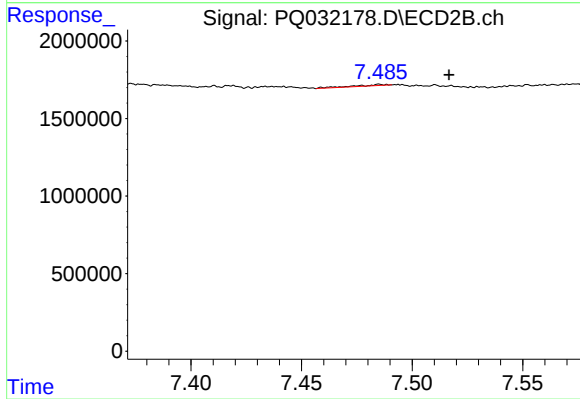
#36 AR-1262-1

R.T.: 7.062 min  
Delta R.T.: 0.047 min  
Response: 37859  
Conc: 0.27 ng/ml



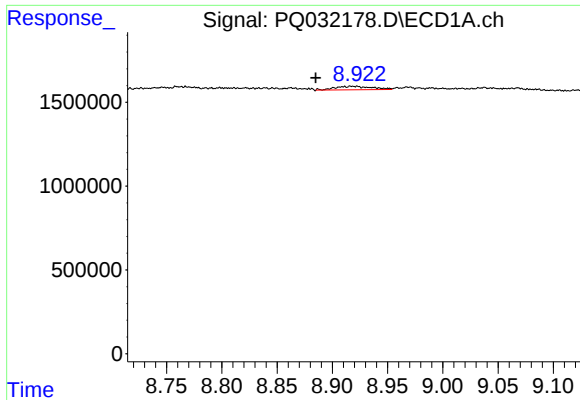
#37 AR-1262-2

R.T.: 8.554 min  
Delta R.T.: -0.009 min  
Response: 1932465  
Conc: 7.41 ng/ml



#37 AR-1262-2

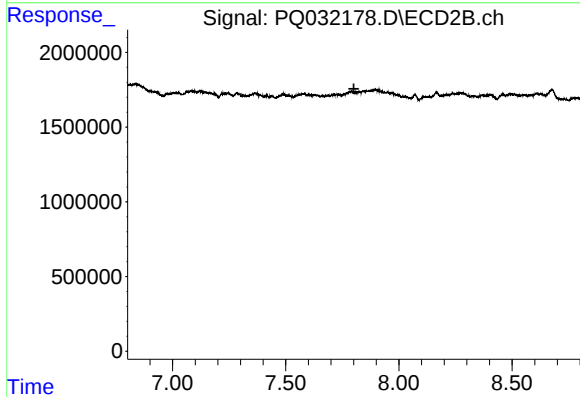
R.T.: 7.485 min  
Delta R.T.: -0.032 min  
Response: 75474  
Conc: 0.29 ng/ml



#38 AR-1262-3

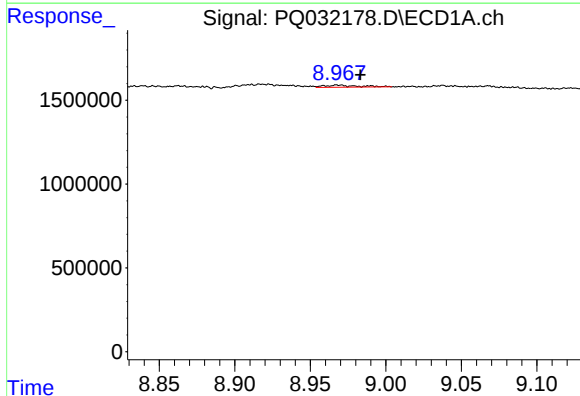
R.T.: 8.919 min  
Delta R.T.: 0.034 min  
Response: 484942  
Conc: 2.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



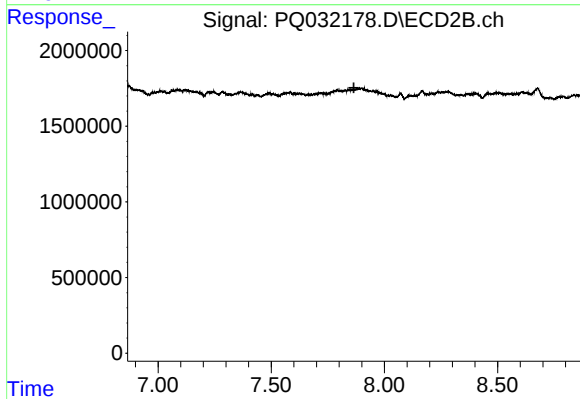
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.801 min  
Response: 0  
Conc: N.D.



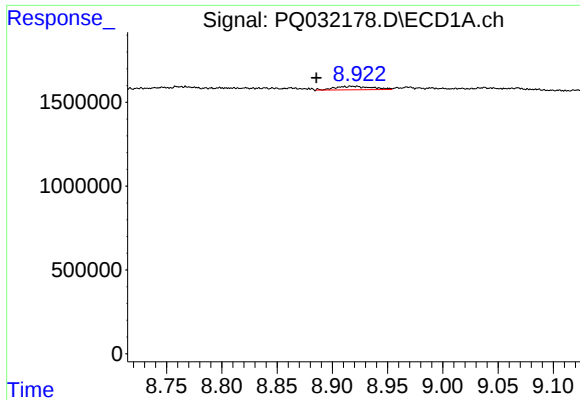
#39 AR-1262-4

R.T.: 8.968 min  
Delta R.T.: -0.015 min  
Response: 192236  
Conc: 1.48 ng/ml



#39 AR-1262-4

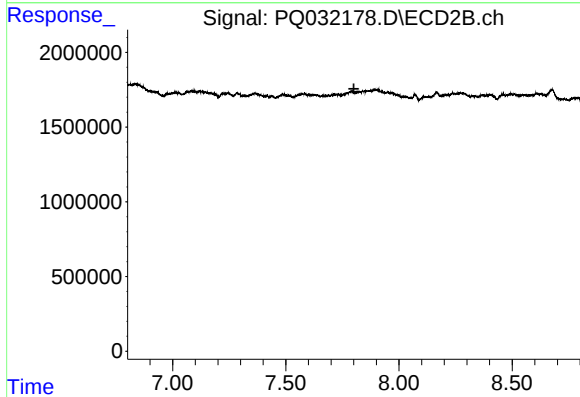
R.T.: 0.000 min  
Exp R.T. : 7.865 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

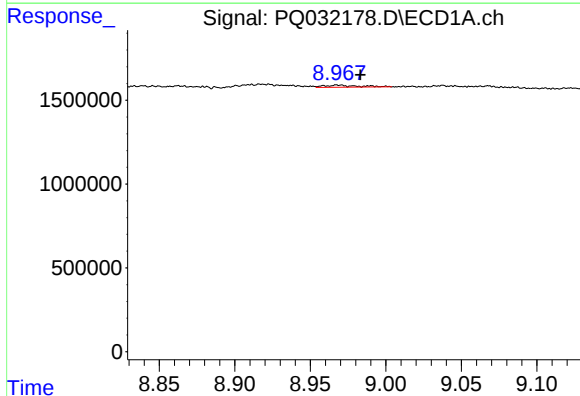
R.T.: 8.919 min  
Delta R.T.: 0.034 min  
Response: 484942  
Conc: 1.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



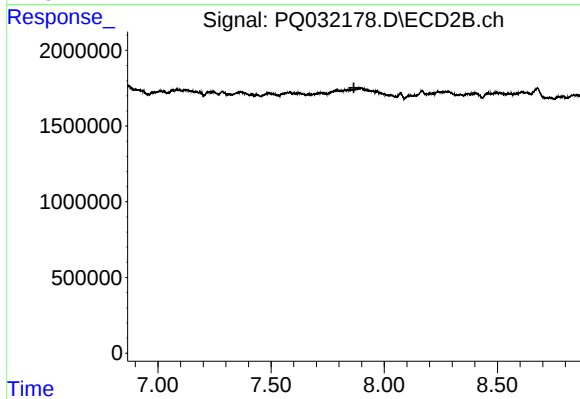
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.801 min  
Response: 0  
Conc: N.D.



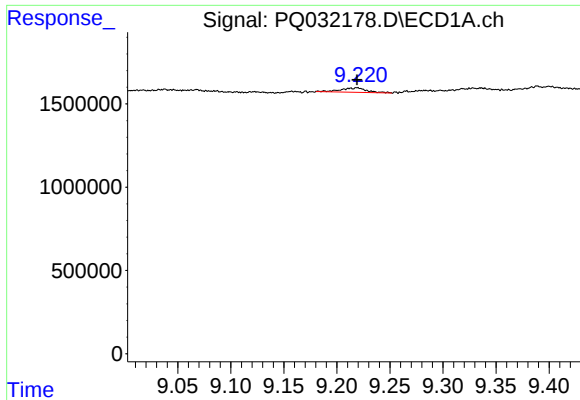
#42 AR-1268-2

R.T.: 8.968 min  
Delta R.T.: -0.015 min  
Response: 192236  
Conc: 0.61 ng/ml



#42 AR-1268-2

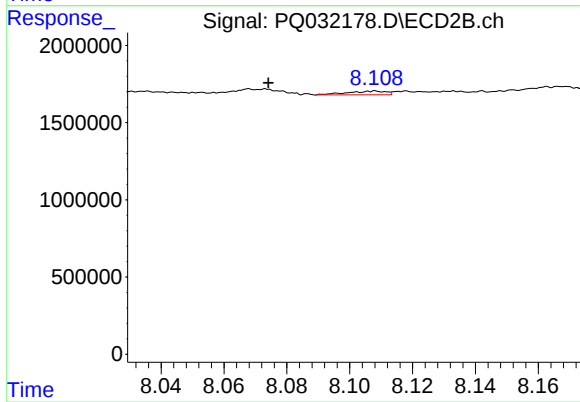
R.T.: 0.000 min  
Exp R.T. : 7.866 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

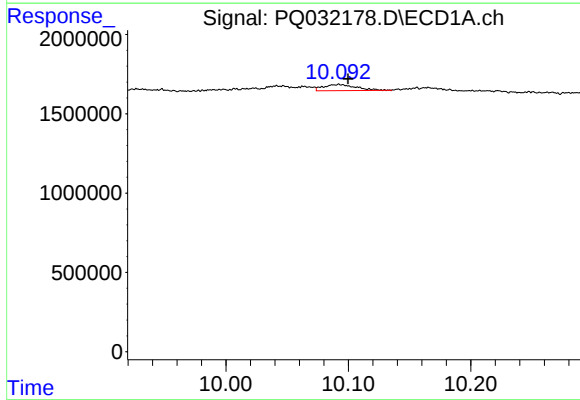
R.T.: 9.218 min  
Delta R.T.: 0.000 min  
Response: 443193  
Conc: 1.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



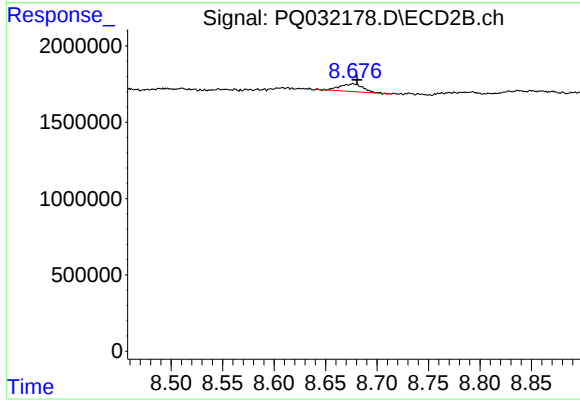
#43 AR-1268-3

R.T.: 8.108 min  
Delta R.T.: 0.034 min  
Response: 210148  
Conc: 0.84 ng/ml



#45 AR-1268-5

R.T.: 10.092 min  
Delta R.T.: -0.008 min  
Response: 709462  
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 8.677 min  
Delta R.T.: -0.004 min  
Response: 800490  
Conc: 1.01 ng/ml