

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081320\  
 Data File : PQ049269.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2020 17:49  
 Operator : DD\AJ  
 Sample : PB130957BL  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 07:17:13 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080620CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 07 07:58:16 2020  
 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... | 5.252  | 4.284 | 135.5E6 | 91210065 | 22.010 | 25.735  |
| 2)                          | SA Decachlor... | 11.480 | 9.641 | 464.0E6 | 253.9E6  | 49.398 | 54.626  |
| Target Compounds            |                 |        |       |         |          |        |         |
| 5)                          | L1 AR-1016-3    | 6.694  | 0.000 | 107905  | 0        | 0.497  | N.D. #  |
| 6)                          | L1 AR-1016-4    | 6.838  | 0.000 | 105729  | 0        | 0.593  | N.D. #  |
| 8)                          | L2 AR-1221-1    | 5.524  | 0.000 | 151550  | 0        | 2.027  | N.D. #  |
| 9)                          | L2 AR-1221-2    | 5.608  | 4.639 | 2379366 | 1078830  | 41.421 | 33.619  |
| 10)                         | L2 AR-1221-3    | 5.696  | 0.000 | 510624  | 0        | 2.729  | N.D. #  |
| 11)                         | L3 AR-1232-1    | 5.696  | 0.000 | 510624  | 0        | 3.389  | N.D. #  |
| 12)                         | L3 AR-1232-2    | 6.321  | 0.000 | 194246  | 0        | 2.484  | N.D. #  |
| 14)                         | L3 AR-1232-4    | 6.838  | 0.000 | 105729  | 0        | 1.250  | N.D. #  |
| 15)                         | L3 AR-1232-5    | 6.905  | 0.000 | 214328  | 0        | 3.407  | N.D. #  |
| 18)                         | L4 AR-1242-3    | 6.694  | 0.000 | 107905  | 0        | 0.542  | N.D. #  |
| 19)                         | L4 AR-1242-4    | 6.838  | 0.000 | 105729  | 0        | 0.634  | N.D. #  |
| 22)                         | L5 AR-1248-2    | 6.905  | 0.000 | 214328  | 0        | 0.951  | N.D. #  |
| 24)                         | L5 AR-1248-4    | 7.466  | 0.000 | 367382  | 0        | 1.150  | N.D. #  |
| 26)                         | L6 AR-1254-1    | 7.466  | 0.000 | 367382  | 0        | 1.140  | N.D. #  |
| 27)                         | L6 AR-1254-2    | 7.667  | 0.000 | 257852  | 0        | 0.509  | N.D. #  |
| 28)                         | L6 AR-1254-3    | 8.144  | 0.000 | 606859  | 0        | 1.135  | N.D. #  |
| 29)                         | L6 AR-1254-4    | 8.375  | 0.000 | 176175  | 0        | 0.376  | N.D. #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.169 | 0       | 1632803  | N.D.   | 7.159 # |
| 33)                         | L7 AR-1260-3    | 8.955  | 0.000 | 286187  | 0        | 0.681  | N.D. #  |
| 35)                         | L7 AR-1260-5    | 9.506  | 0.000 | 285439  | 0        | 0.279  | N.D. #  |
| 36)                         | L8 AR-1262-1    | 8.955  | 0.000 | 286187  | 0        | 0.398  | N.D. #  |
| 37)                         | L8 AR-1262-2    | 9.506  | 0.000 | 285439  | 0        | 0.210  | N.D. #  |
| 39)                         | L8 AR-1262-4    | 9.951  | 0.000 | 362250  | 0        | 0.493  | N.D. #  |
| 40)                         | L8 AR-1262-5    | 10.731 | 0.000 | 842440  | 0        | 1.527  | N.D. #  |
| 42)                         | L9 AR-1268-2    | 9.951  | 0.000 | 362250  | 0        | 0.230  | N.D. #  |
| 43)                         | L9 AR-1268-3    | 10.182 | 8.781 | 2952441 | 1855449  | 2.136  | 2.577   |
| 44)                         | L9 AR-1268-4    | 10.731 | 0.000 | 842440  | 0        | 1.365  | N.D. #  |
| 45)                         | L9 AR-1268-5    | 11.115 | 9.377 | 4551104 | 1987754  | 1.056  | 0.865   |
| -----                       |                 |        |       |         |          |        |         |

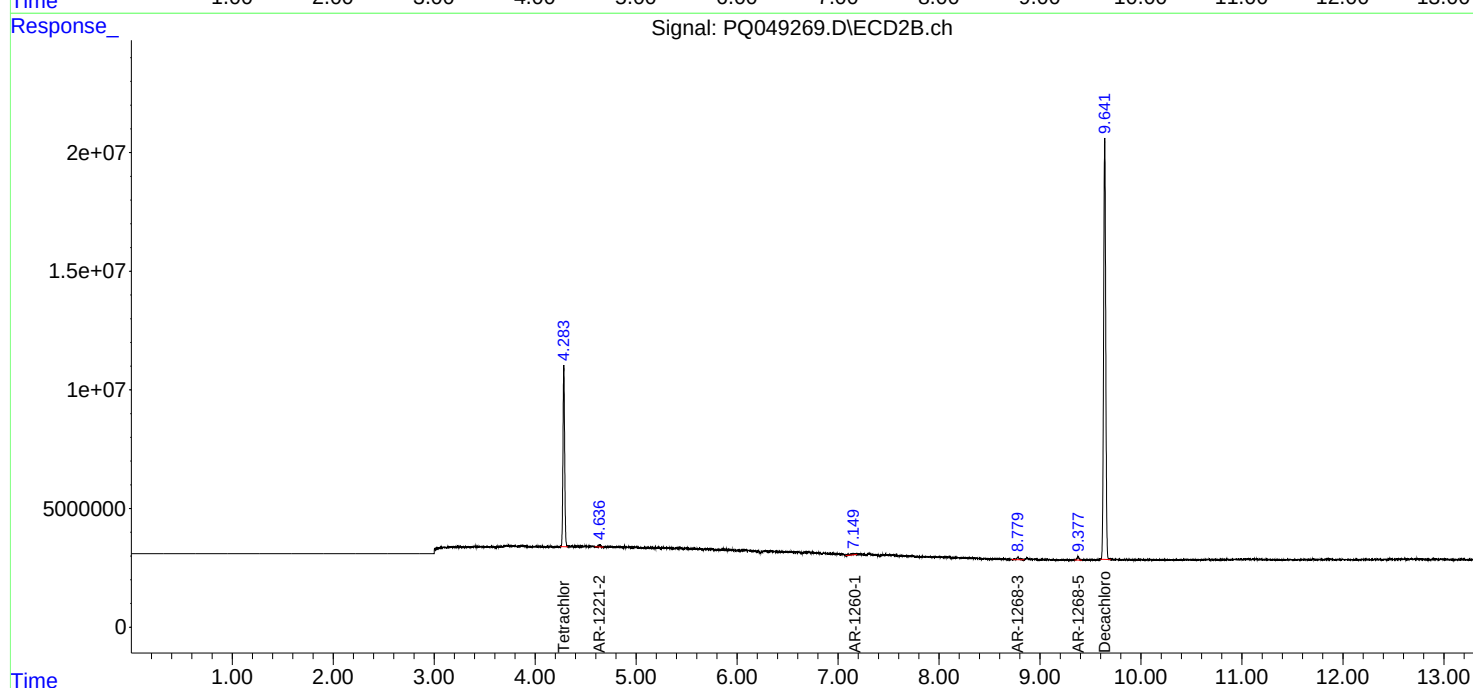
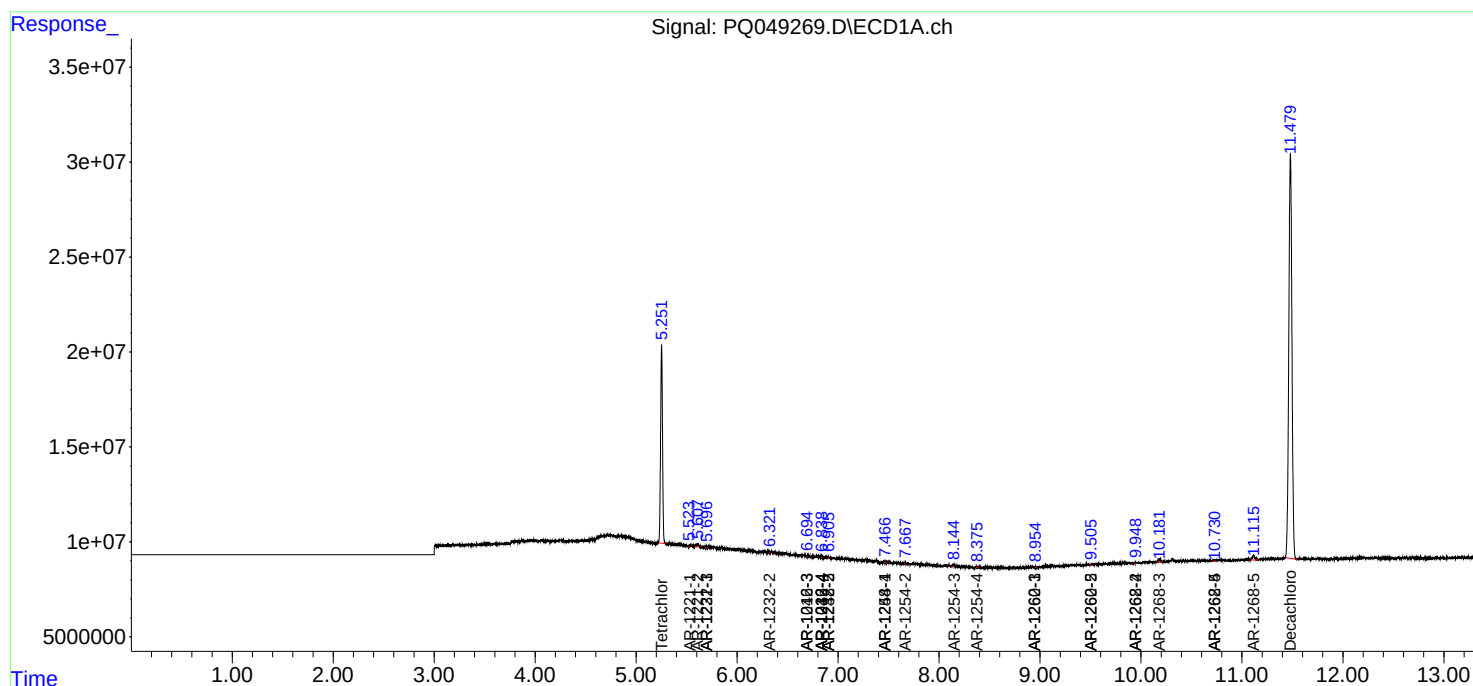
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

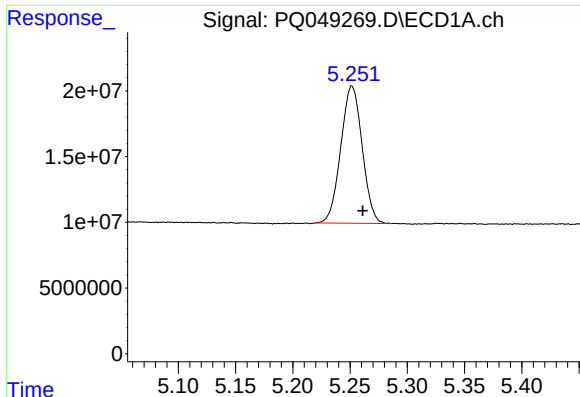
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081320\  
Data File : PQ049269.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Aug 2020 17:49  
Operator : DD\AJ  
Sample : PB130957BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 07:17:13 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080620CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 07 07:58:16 2020  
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

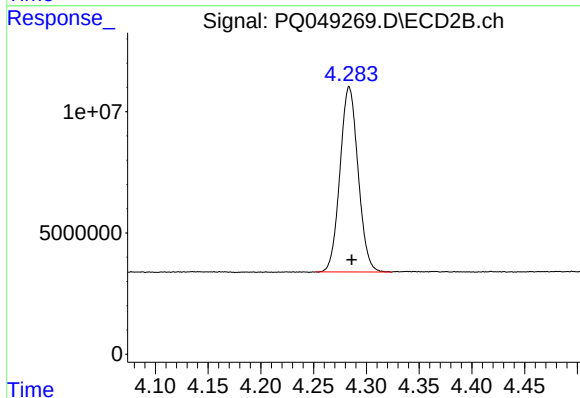




#1 Tetrachloro-m-xylene

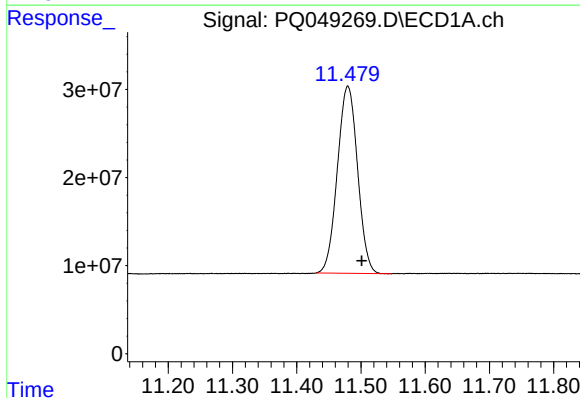
R.T.: 5.252 min  
Delta R.T.: -0.009 min  
Response: 135494416  
Conc: 22.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



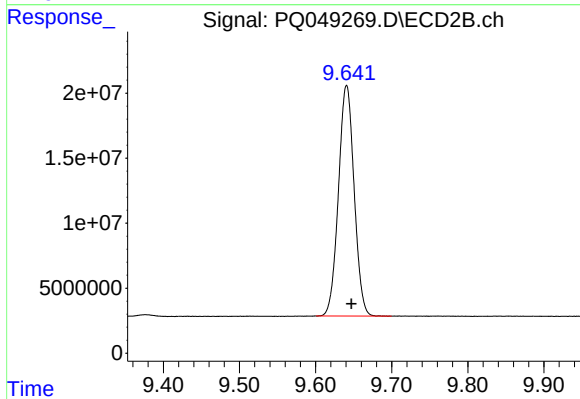
#1 Tetrachloro-m-xylene

R.T.: 4.284 min  
Delta R.T.: -0.002 min  
Response: 91210065  
Conc: 25.74 ng/ml



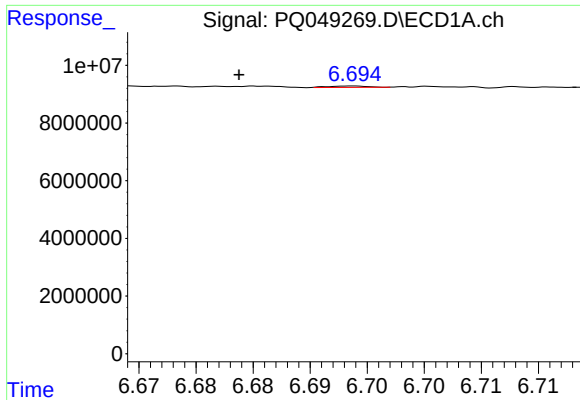
#2 Decachlorobiphenyl

R.T.: 11.480 min  
Delta R.T.: -0.022 min  
Response: 464023462  
Conc: 49.40 ng/ml



#2 Decachlorobiphenyl

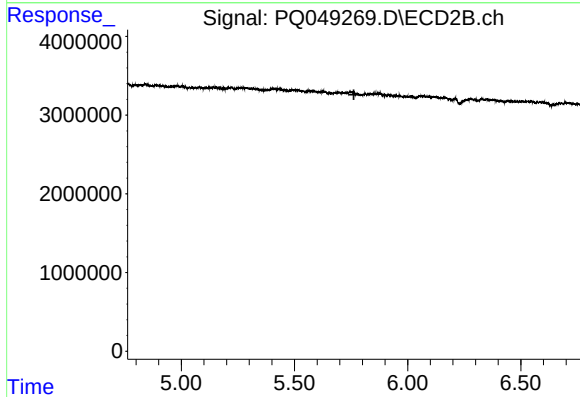
R.T.: 9.641 min  
Delta R.T.: -0.006 min  
Response: 253939365  
Conc: 54.63 ng/ml



#5 AR-1016-3

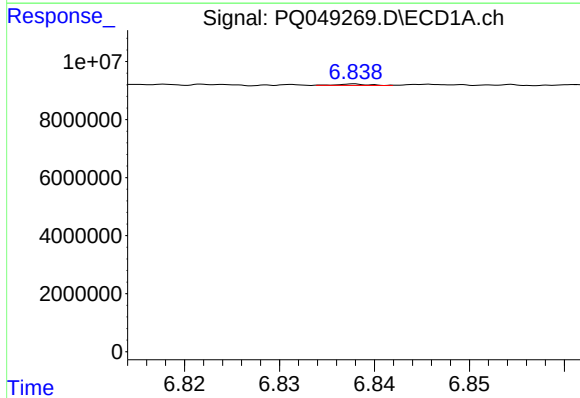
R.T.: 6.694 min  
Delta R.T.: 0.010 min  
Response: 107905  
Conc: 0.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



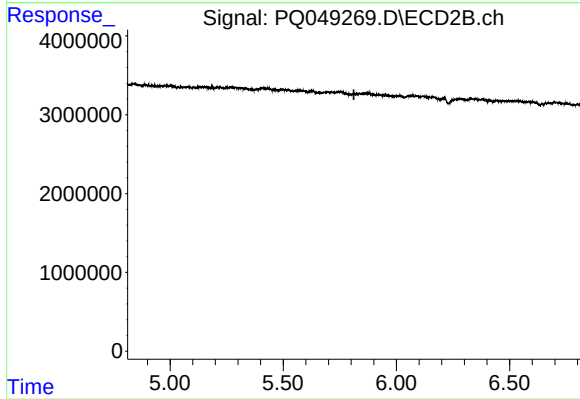
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.763 min  
Response: 0  
Conc: N.D.



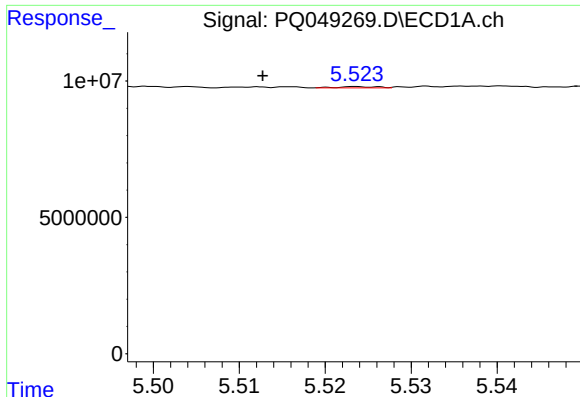
#6 AR-1016-4

R.T.: 6.838 min  
Delta R.T.: 0.044 min  
Response: 105729  
Conc: 0.59 ng/ml



#6 AR-1016-4

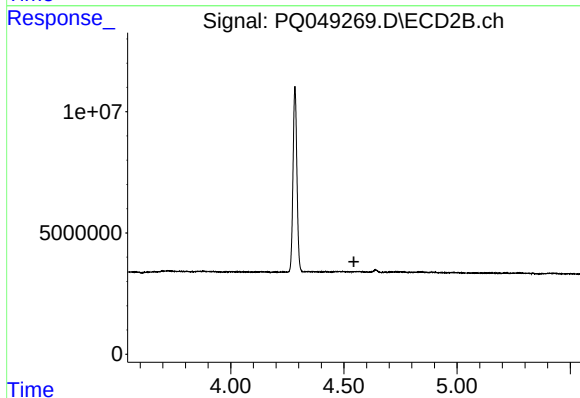
R.T.: 0.000 min  
Exp R.T. : 5.812 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

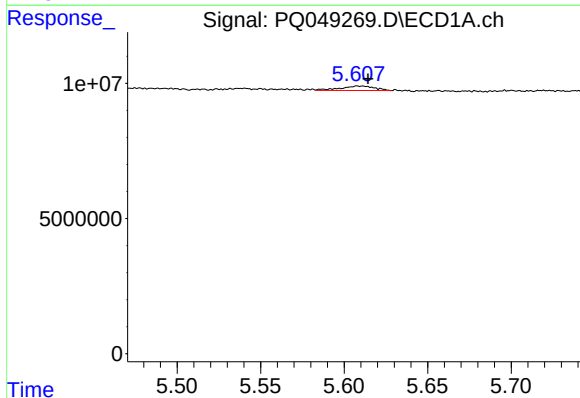
R.T.: 5.524 min  
Delta R.T.: 0.011 min  
Response: 151550  
Conc: 2.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



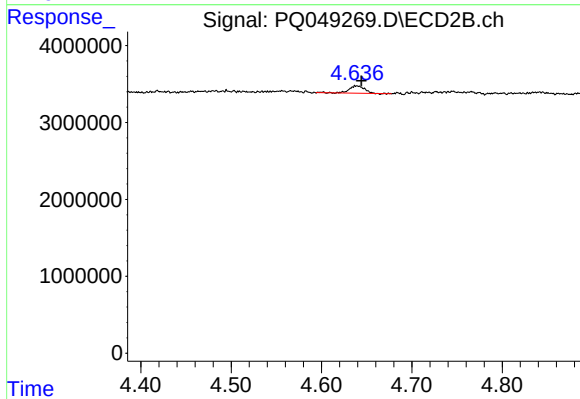
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.544 min  
Response: 0  
Conc: N.D.



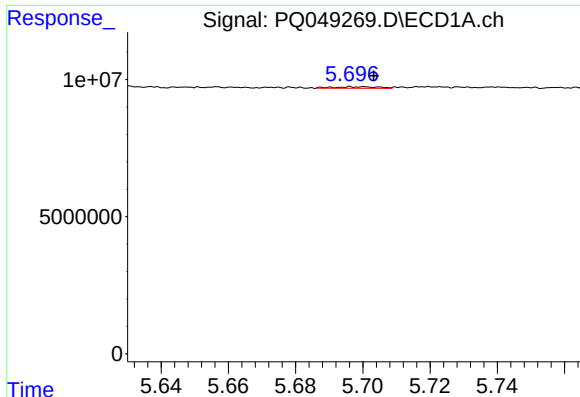
#9 AR-1221-2

R.T.: 5.608 min  
Delta R.T.: -0.007 min  
Response: 2379366  
Conc: 41.42 ng/ml



#9 AR-1221-2

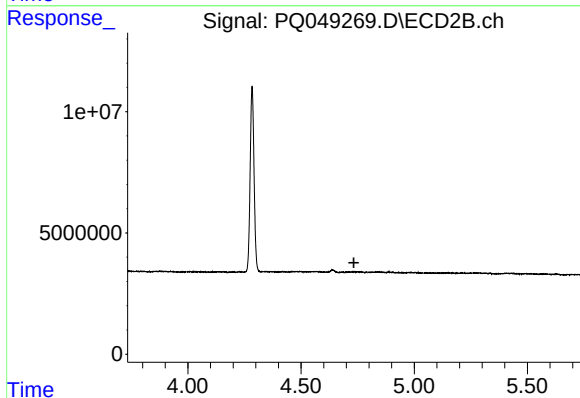
R.T.: 4.639 min  
Delta R.T.: -0.005 min  
Response: 1078830  
Conc: 33.62 ng/ml



#10 AR-1221-3

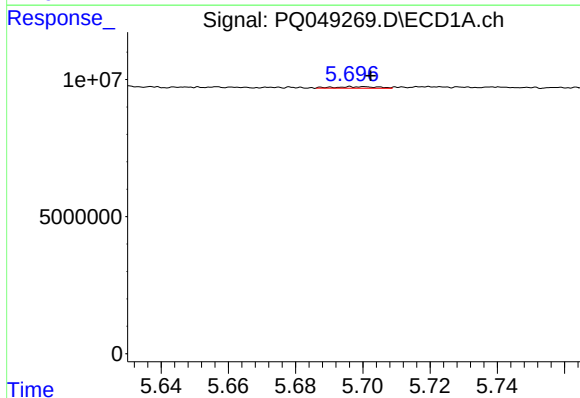
R.T.: 5.696 min  
Delta R.T.: -0.007 min  
Response: 510624  
Conc: 2.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



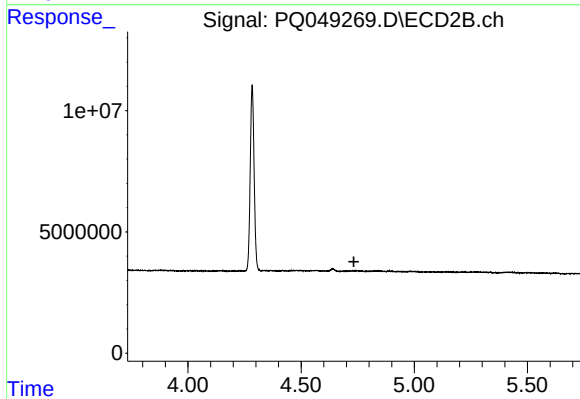
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.734 min  
Response: 0  
Conc: N.D.



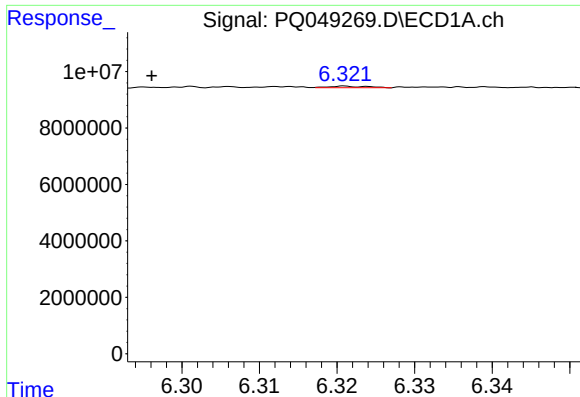
#11 AR-1232-1

R.T.: 5.696 min  
Delta R.T.: -0.006 min  
Response: 510624  
Conc: 3.39 ng/ml



#11 AR-1232-1

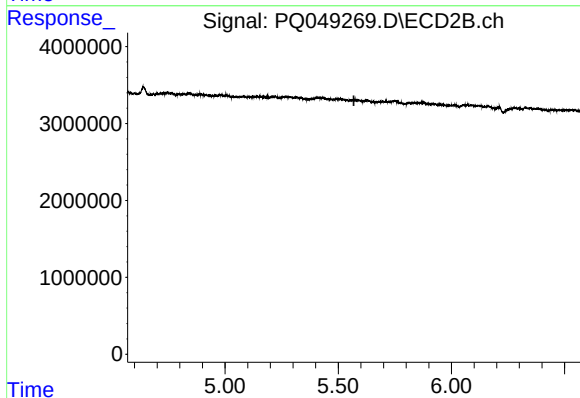
R.T.: 0.000 min  
Exp R.T. : 4.733 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

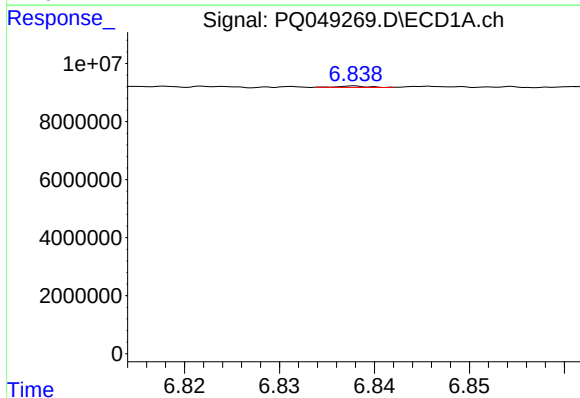
R.T.: 6.321 min  
Delta R.T.: 0.025 min  
Response: 194246  
Conc: 2.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



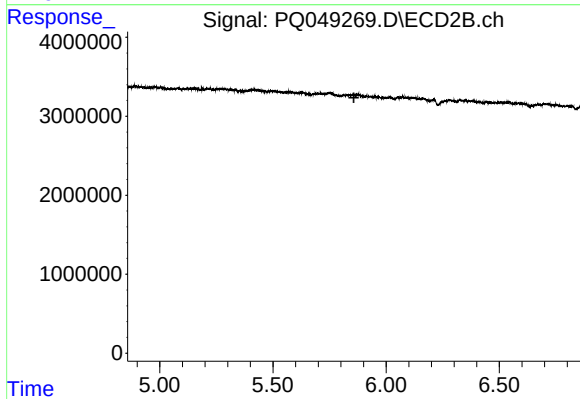
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.569 min  
Response: 0  
Conc: N.D.



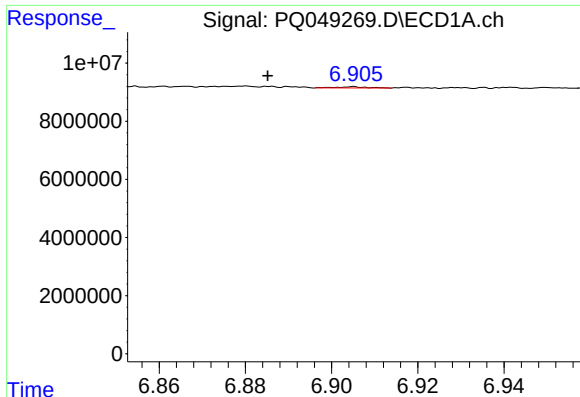
#14 AR-1232-4

R.T.: 6.838 min  
Delta R.T.: 0.046 min  
Response: 105729  
Conc: 1.25 ng/ml



#14 AR-1232-4

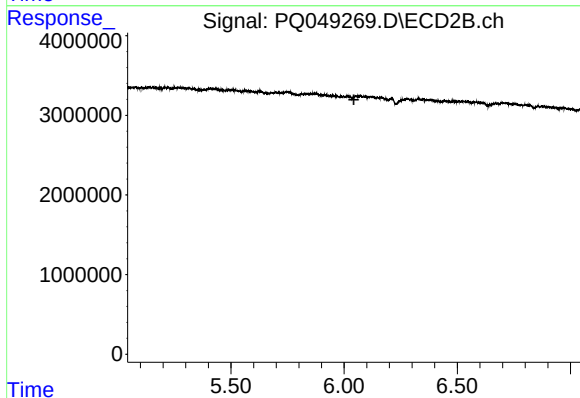
R.T.: 0.000 min  
Exp R.T. : 5.857 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

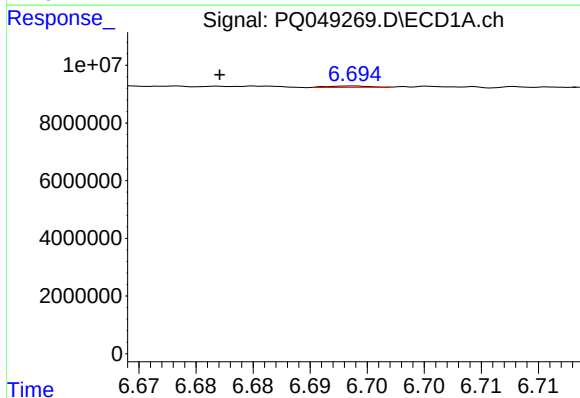
R.T.: 6.905 min  
Delta R.T.: 0.020 min  
Response: 214328  
Conc: 3.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



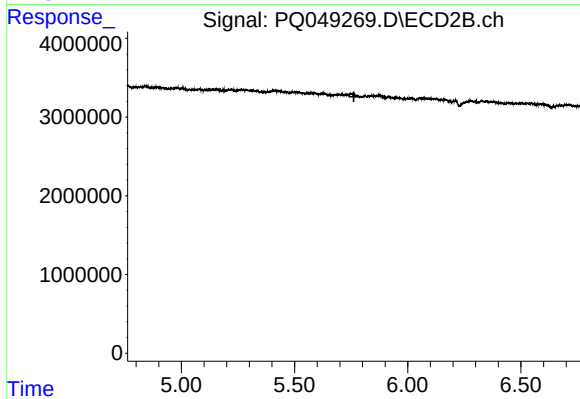
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.043 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

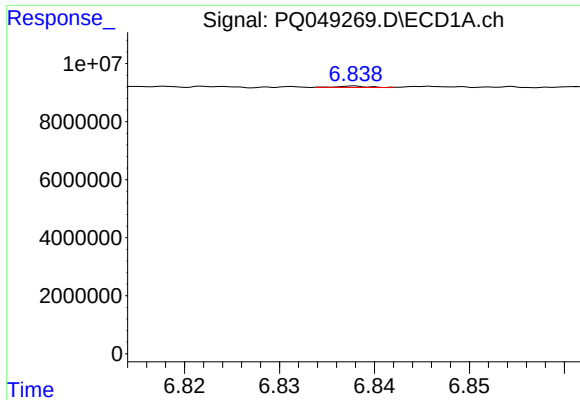
R.T.: 6.694 min  
Delta R.T.: 0.012 min  
Response: 107905  
Conc: 0.54 ng/ml



#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.762 min  
Response: 0  
Conc: N.D.

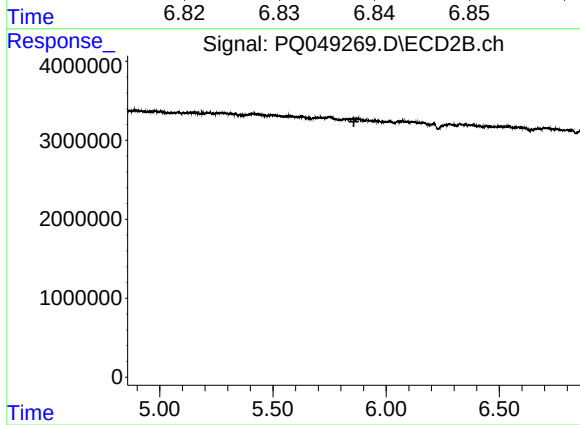




#19 AR-1242-4

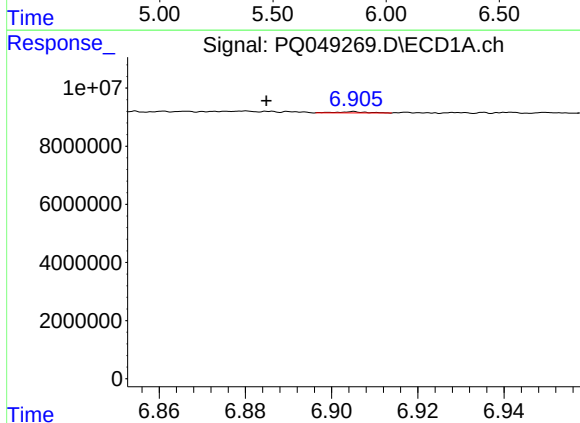
R.T.: 6.838 min  
Delta R.T.: 0.046 min  
Response: 105729  
Conc: 0.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



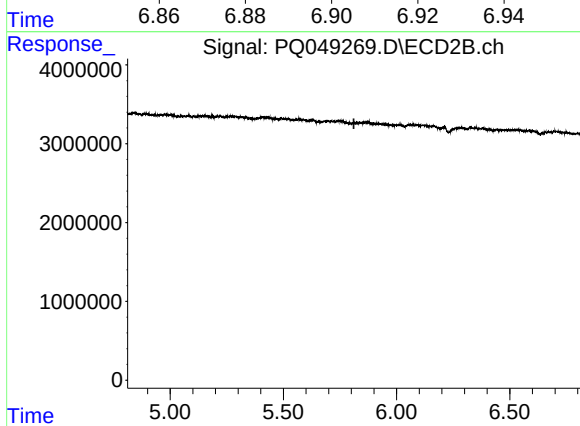
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.857 min  
Response: 0  
Conc: N.D.



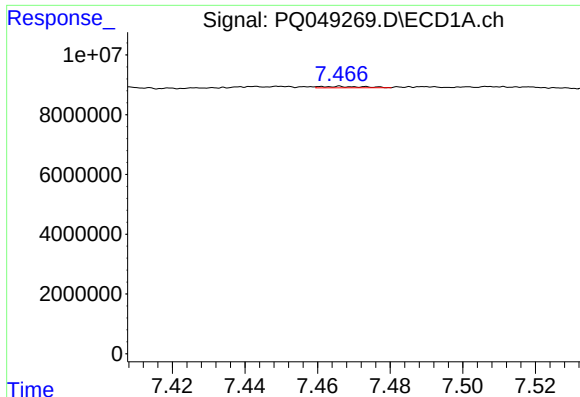
#22 AR-1248-2

R.T.: 6.905 min  
Delta R.T.: 0.020 min  
Response: 214328  
Conc: 0.95 ng/ml



#22 AR-1248-2

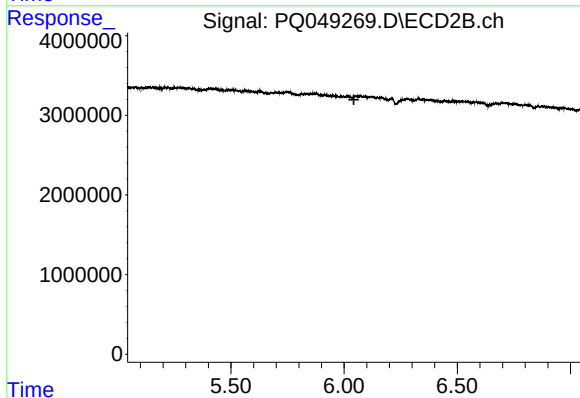
R.T.: 0.000 min  
Exp R.T. : 5.812 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

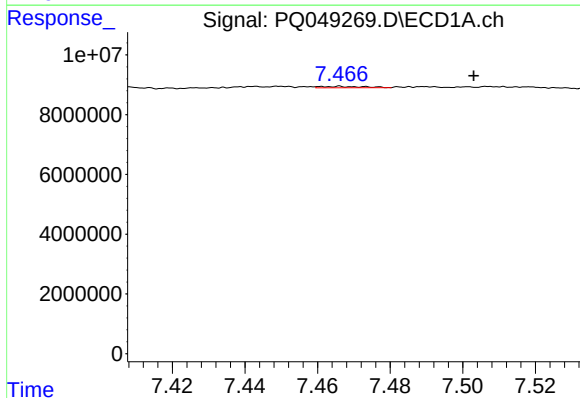
R.T.: 7.466 min  
Delta R.T.: -0.069 min  
Response: 367382  
Conc: 1.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



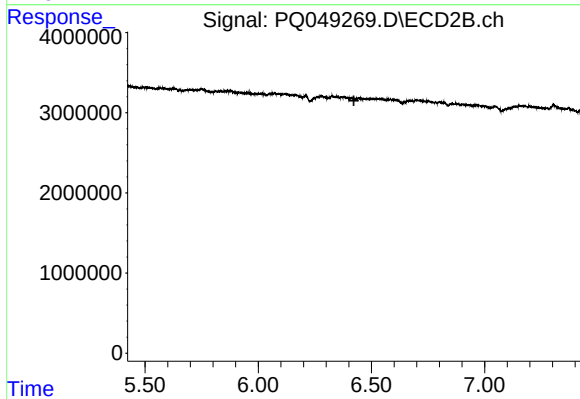
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.043 min  
Response: 0  
Conc: N.D.



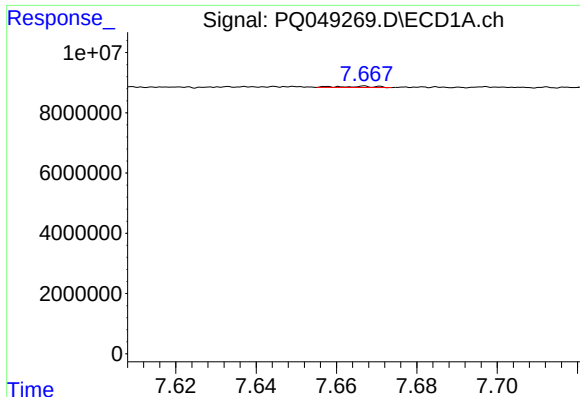
#26 AR-1254-1

R.T.: 7.466 min  
Delta R.T.: -0.037 min  
Response: 367382  
Conc: 1.14 ng/ml



#26 AR-1254-1

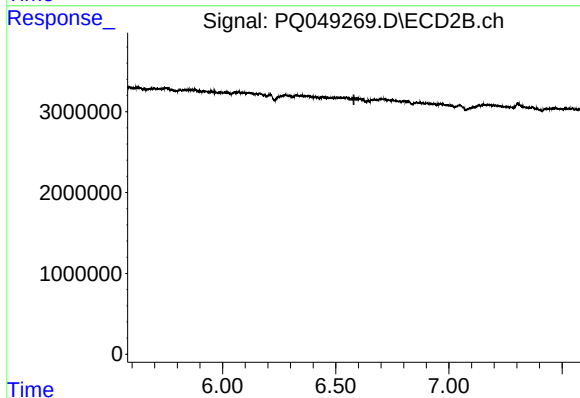
R.T.: 0.000 min  
Exp R.T. : 6.422 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

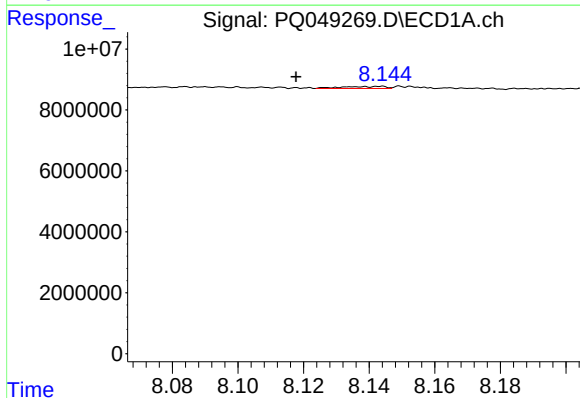
R.T.: 7.667 min  
Delta R.T.: -0.065 min  
Response: 257852  
Conc: 0.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



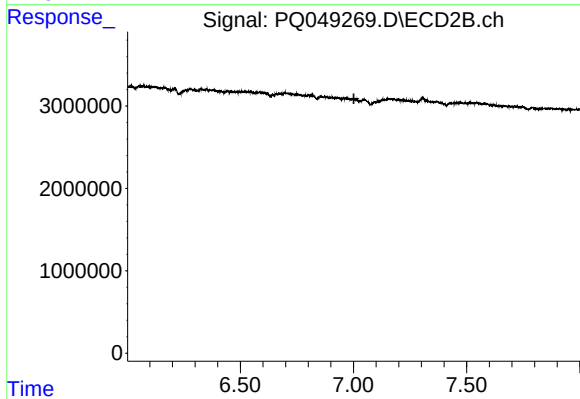
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.580 min  
Response: 0  
Conc: N.D.



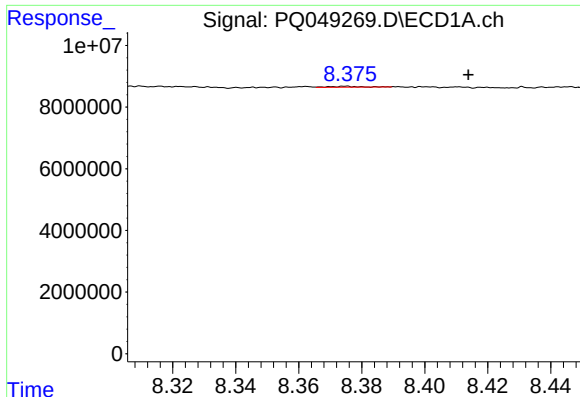
#28 AR-1254-3

R.T.: 8.144 min  
Delta R.T.: 0.026 min  
Response: 606859  
Conc: 1.14 ng/ml



#28 AR-1254-3

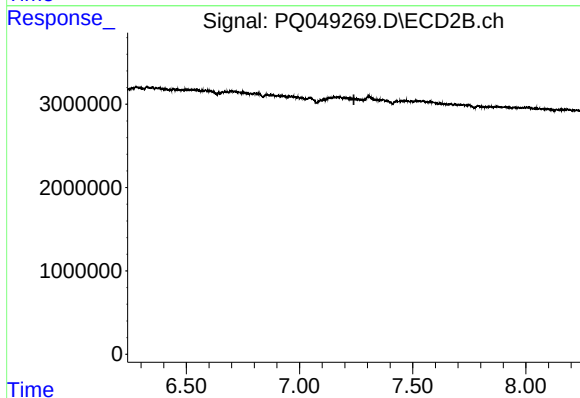
R.T.: 0.000 min  
Exp R.T. : 7.002 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

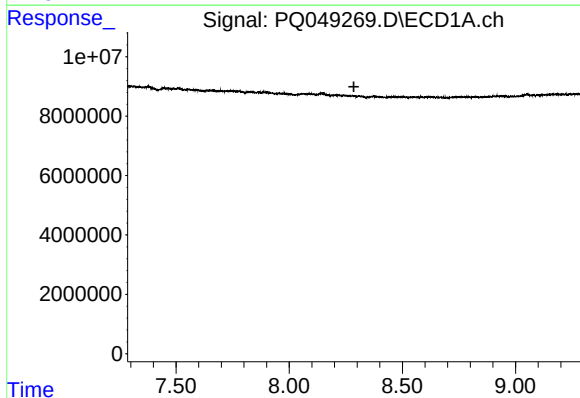
R.T.: 8.375 min  
Delta R.T.: -0.039 min  
Response: 176175  
Conc: 0.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



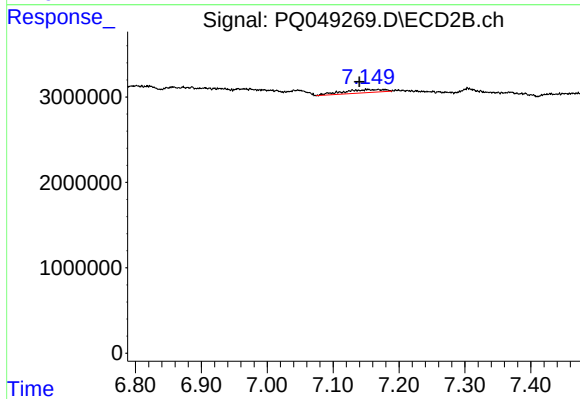
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.240 min  
Response: 0  
Conc: N.D.



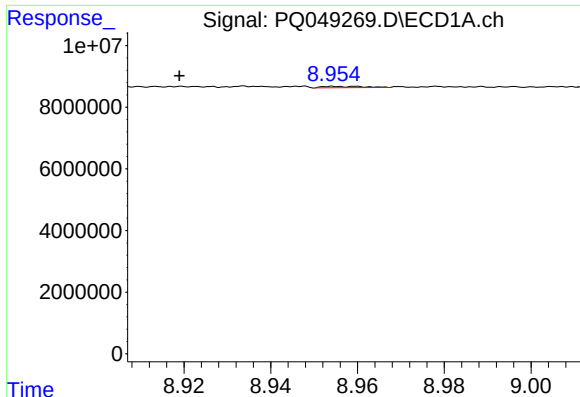
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 8.286 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

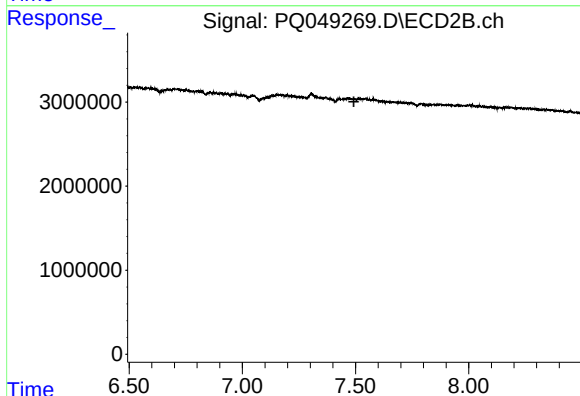
R.T.: 7.169 min  
Delta R.T.: 0.029 min  
Response: 1632803  
Conc: 7.16 ng/ml



#33 AR-1260-3

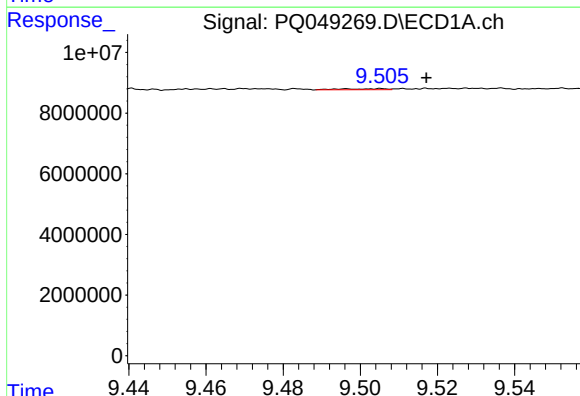
R.T.: 8.955 min  
Delta R.T.: 0.036 min  
Response: 286187  
Conc: 0.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



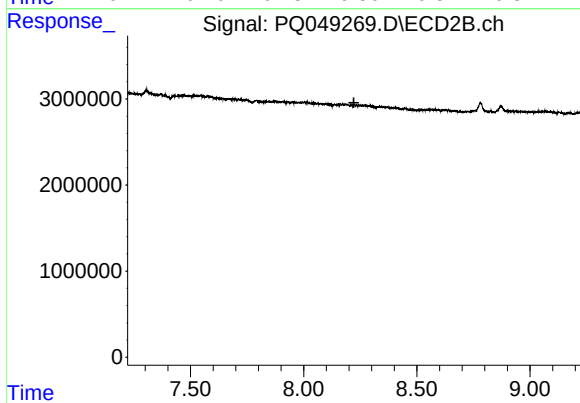
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.493 min  
Response: 0  
Conc: N.D.



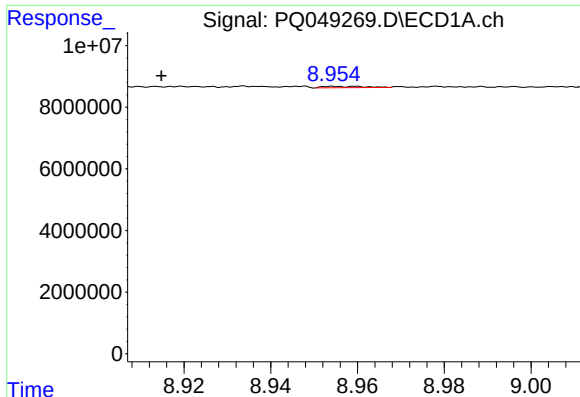
#35 AR-1260-5

R.T.: 9.506 min  
Delta R.T.: -0.012 min  
Response: 285439  
Conc: 0.28 ng/ml



#35 AR-1260-5

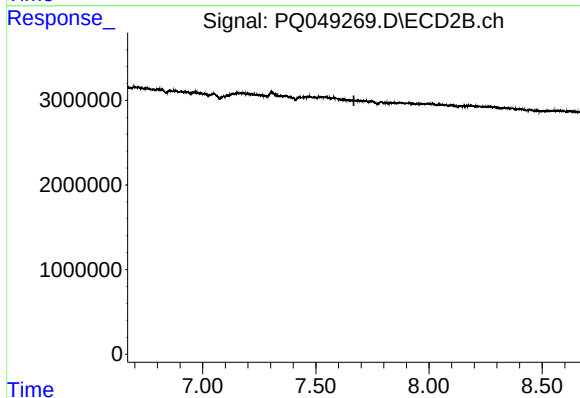
R.T.: 0.000 min  
Exp R.T. : 8.222 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

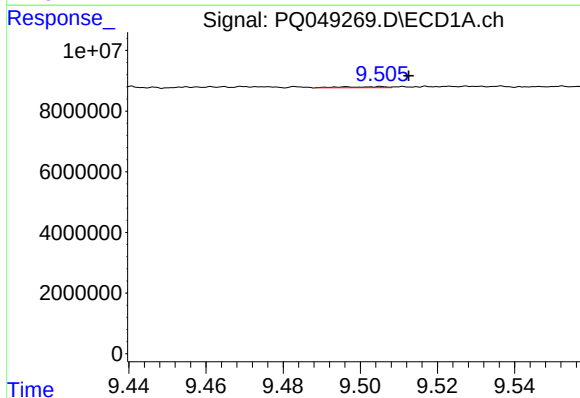
R.T.: 8.955 min  
Delta R.T.: 0.040 min  
Response: 286187  
Conc: 0.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



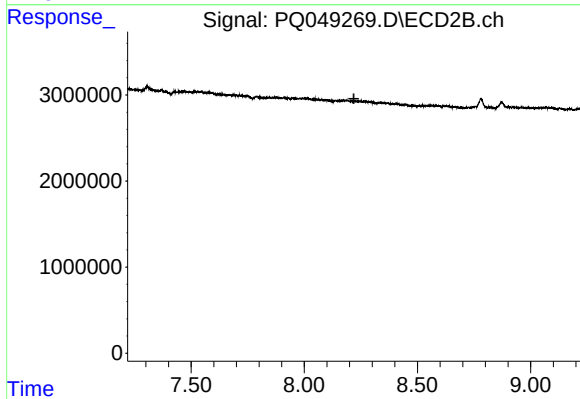
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.668 min  
Response: 0  
Conc: N.D.



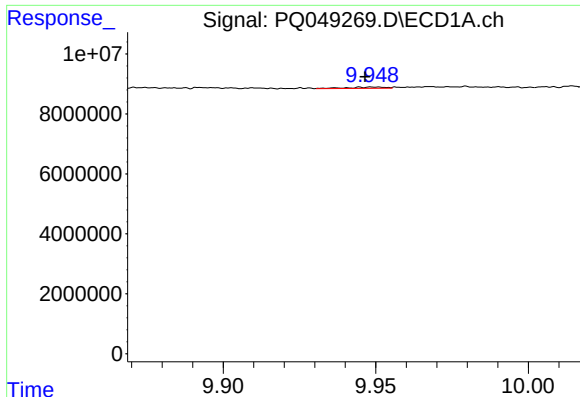
#37 AR-1262-2

R.T.: 9.506 min  
Delta R.T.: -0.007 min  
Response: 285439  
Conc: 0.21 ng/ml



#37 AR-1262-2

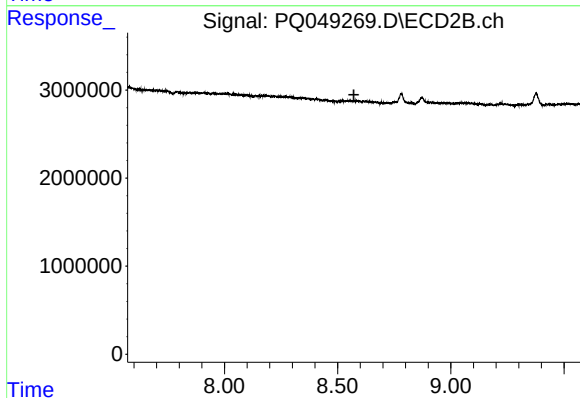
R.T.: 0.000 min  
Exp R.T. : 8.219 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

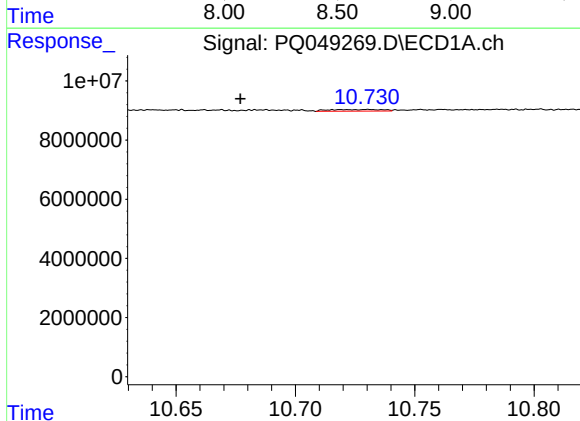
R.T.: 9.951 min  
Delta R.T.: 0.004 min  
Response: 362250  
Conc: 0.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



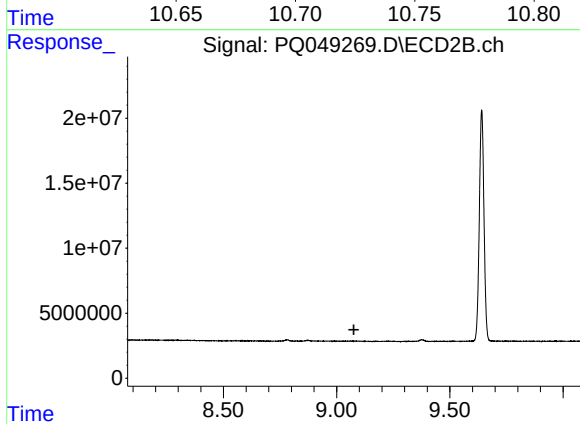
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.572 min  
Response: 0  
Conc: N.D.



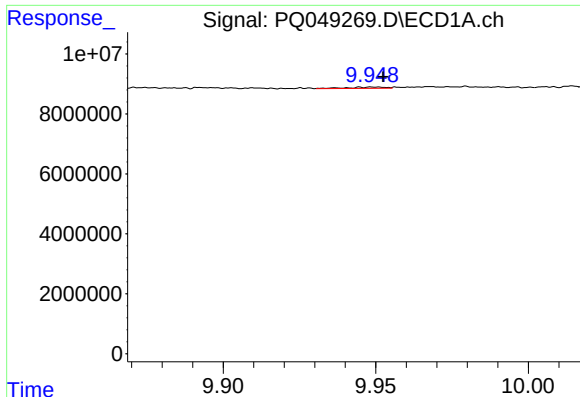
#40 AR-1262-5

R.T.: 10.731 min  
Delta R.T.: 0.054 min  
Response: 842440  
Conc: 1.53 ng/ml



#40 AR-1262-5

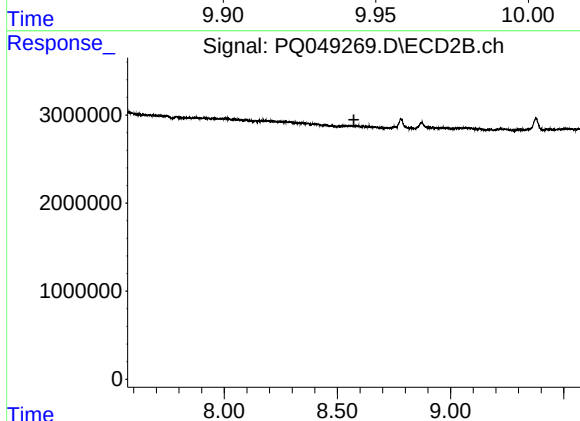
R.T.: 0.000 min  
Exp R.T. : 9.076 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

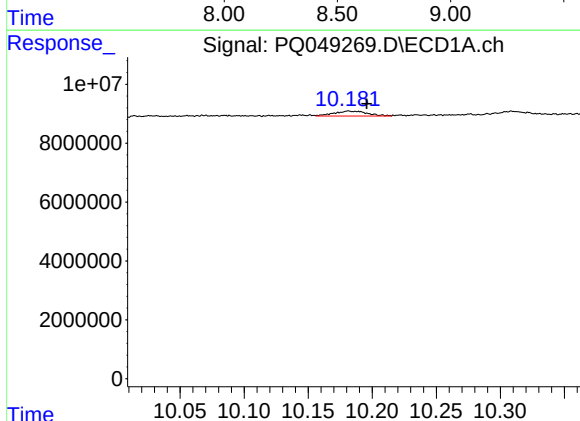
R.T.: 9.951 min  
Delta R.T.: -0.001 min  
Response: 362250  
Conc: 0.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



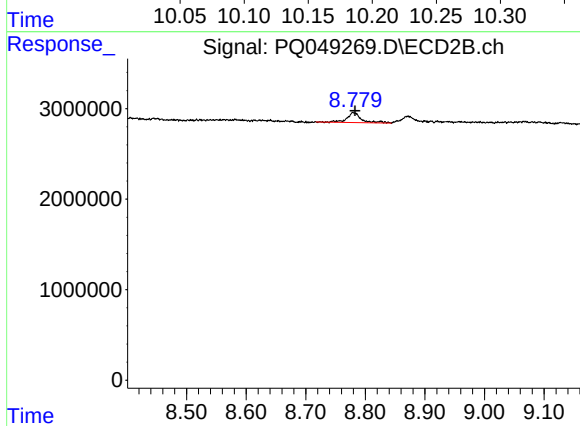
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.573 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

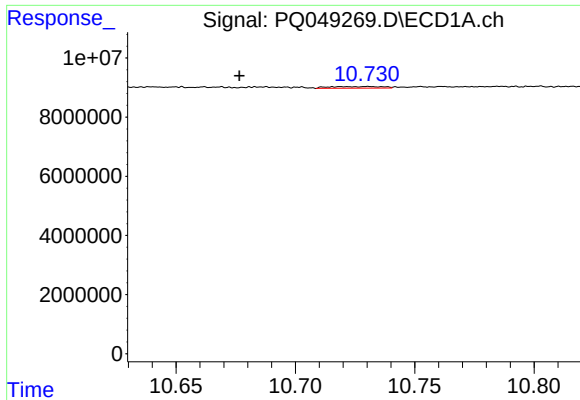
R.T.: 10.182 min  
Delta R.T.: -0.014 min  
Response: 2952441  
Conc: 2.14 ng/ml



#43 AR-1268-3

R.T.: 8.781 min  
Delta R.T.: -0.002 min  
Response: 1855449  
Conc: 2.58 ng/ml

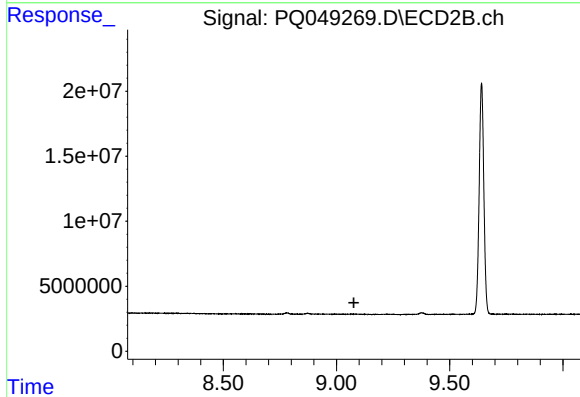




#44 AR-1268-4

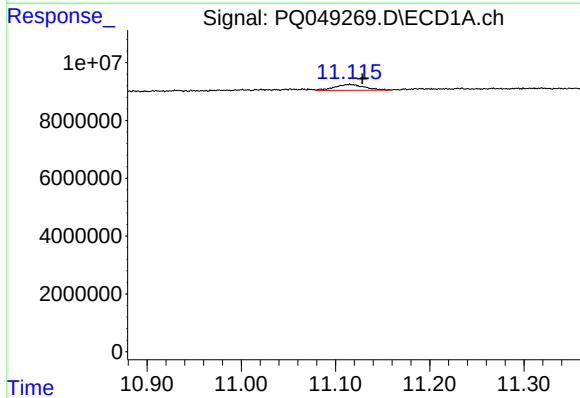
R.T.: 10.731 min  
Delta R.T.: 0.054 min  
Response: 842440  
Conc: 1.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



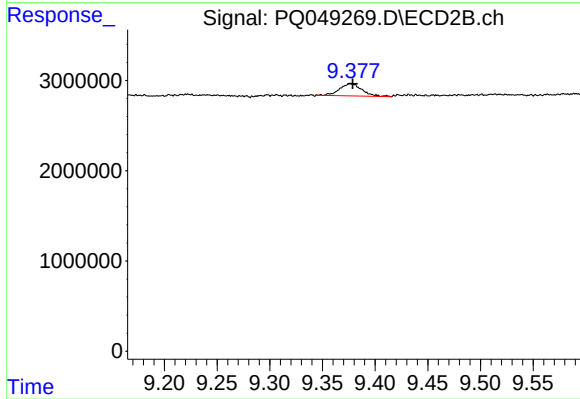
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 9.077 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 11.115 min  
Delta R.T.: -0.013 min  
Response: 4551104  
Conc: 1.06 ng/ml



#45 AR-1268-5

R.T.: 9.377 min  
Delta R.T.: -0.002 min  
Response: 1987754  
Conc: 0.87 ng/ml