

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100223\  
 Data File : PQ063497.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2023 18:32  
 Operator : YP\AJ  
 Sample : 04654-04  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 22:40:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092523CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 26 06:41:31 2023  
 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... | 3.462  | 2.781  | 97550408 | 80763610 | 18.593 | 19.985   |
| 2)                          | SA Decachlor... | 8.695  | 7.582  | 85944442 | 84849757 | 23.261 | 22.948   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 4.540f | 0.000  | 5368557  | 0        | 32.504 | N.D. #   |
| 4)                          | L1 AR-1016-2    | 4.620  | 0.000  | 2181397  | 0        | 8.658  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 4.666  | 0.000  | 898331   | 0        | 5.733  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 4.698f | 0.000  | 1379351  | 0        | 10.762 | N.D. #   |
| 8)                          | L2 AR-1221-1    | 3.646  | 3.052f | 1483922  | 1062553  | 23.671 | 21.945   |
| 9)                          | L2 AR-1221-2    | 3.744  | 3.052  | 1379068  | 1062553  | 33.407 | 31.885   |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.171f | 0        | 2571437  | N.D.   | 22.661 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.171f | 0        | 2571437  | N.D.   | 27.389 # |
| 13)                         | L3 AR-1232-3    | 4.620  | 0.000  | 2181397  | 0        | 19.148 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 4.698f | 0.000  | 1379351  | 0        | 23.859 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 4.845  | 0.000  | 472485   | 0        | 11.672 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 4.540f | 0.000  | 5368557  | 0        | 38.553 | N.D. #   |
| 17)                         | L4 AR-1242-2    | 4.620  | 0.000  | 2181397  | 0        | 10.176 | N.D. #   |
| 18)                         | L4 AR-1242-3    | 4.646  | 0.000  | 631839   | 0        | 4.753  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 4.698f | 0.000  | 1379351  | 0        | 12.649 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 5.512f | 0.000  | 1379545  | 0        | 11.894 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 4.540f | 0.000  | 5368557  | 0        | 50.301 | N.D. #   |
| 22)                         | L5 AR-1248-2    | 4.845  | 0.000  | 472485   | 0        | 3.086  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 5.512f | 0.000  | 1379545  | 0        | 6.879  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 5.559f | 0.000  | 100640   | 0        | 0.321  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 5.962  | 0.000  | 519599   | 0        | 1.601  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 6.343f | 0.000  | 132308   | 0        | 0.443  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 7.045f | 0.000  | 1058261  | 0        | 4.303  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 7.242f | 0.000  | 3615089  | 0        | 7.588  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 7.242f | 0.000  | 3615089  | 0        | 6.633  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 8.157  | 0.000  | 534172   | 0        | 2.887  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 8.157  | 0.000  | 534172   | 0        | 2.636  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 8.447  | 7.364  | 951256   | 574858   | 0.663  | 0.402 #  |
| -----                       |                 |        |        |          |          |        |          |

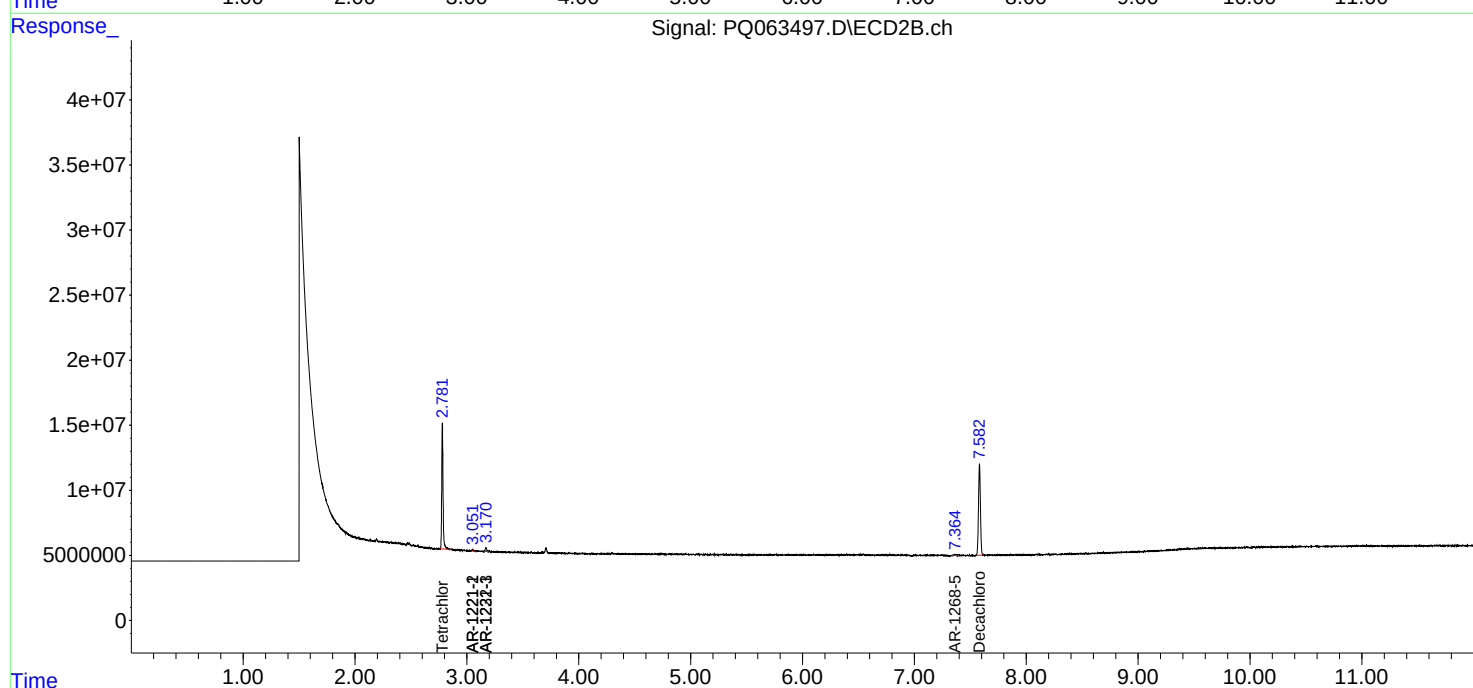
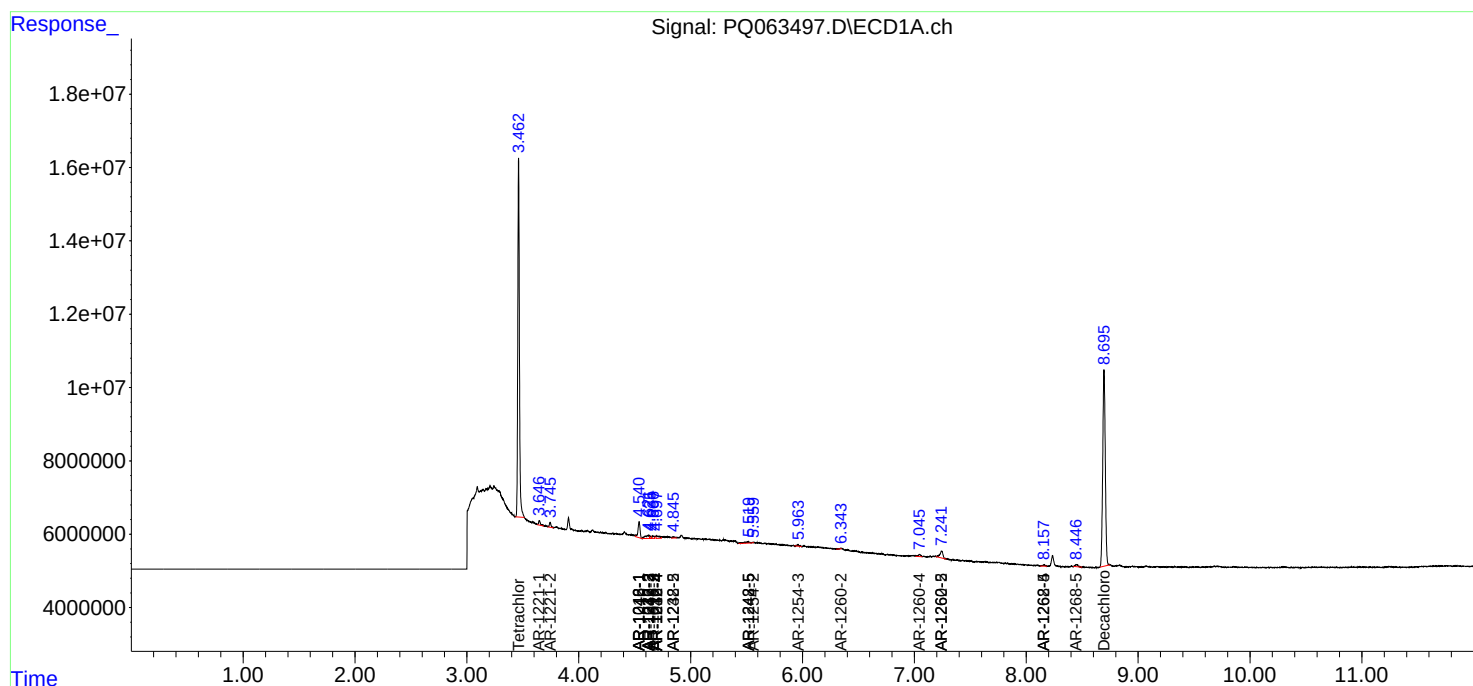
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

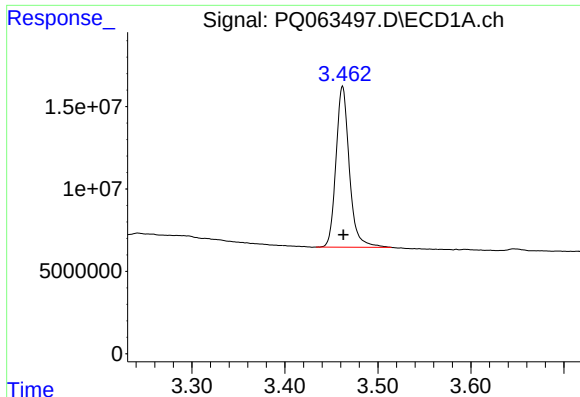
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100223\  
Data File : PQ063497.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2023 18:32  
Operator : YP\AJ  
Sample : 04654-04  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 22:40:29 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092523CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 26 06:41:31 2023  
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

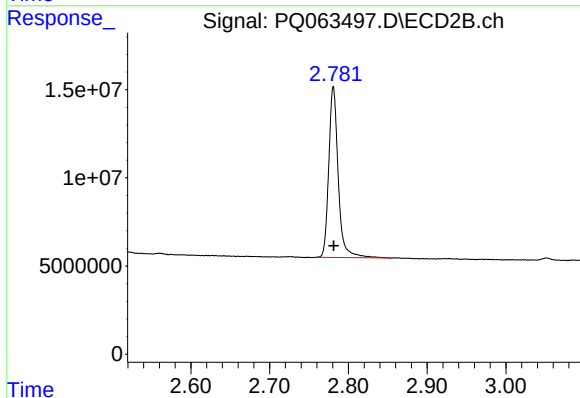




#1 Tetrachloro-m-xylene

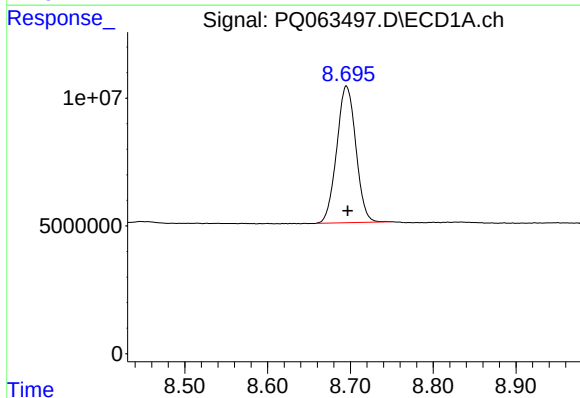
R.T.: 3.462 min  
Delta R.T.: 0.000 min  
Response: 97550408  
Conc: 18.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



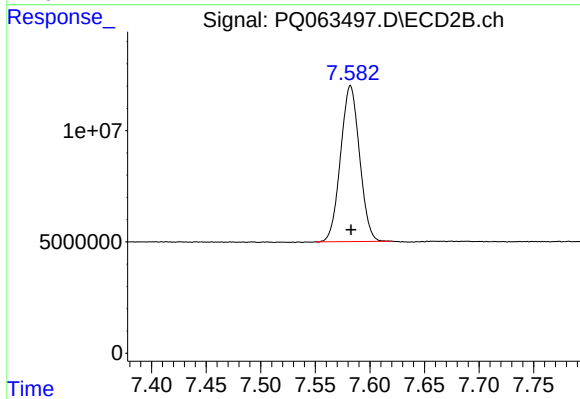
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: 0.000 min  
Response: 80763610  
Conc: 19.98 ng/ml



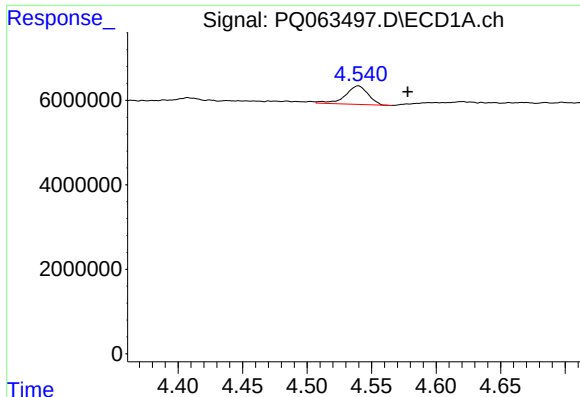
#2 Decachlorobiphenyl

R.T.: 8.695 min  
Delta R.T.: -0.002 min  
Response: 85944442  
Conc: 23.26 ng/ml



#2 Decachlorobiphenyl

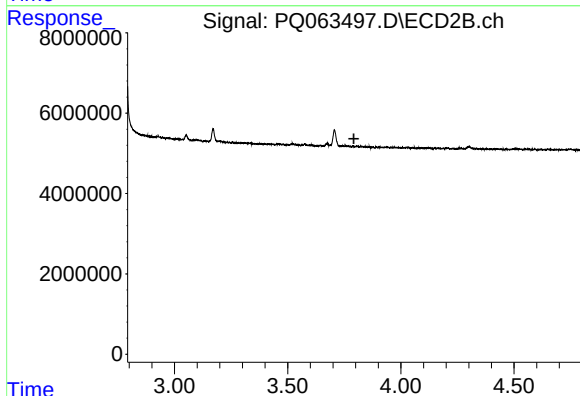
R.T.: 7.582 min  
Delta R.T.: 0.000 min  
Response: 84849757  
Conc: 22.95 ng/ml



#3 AR-1016-1

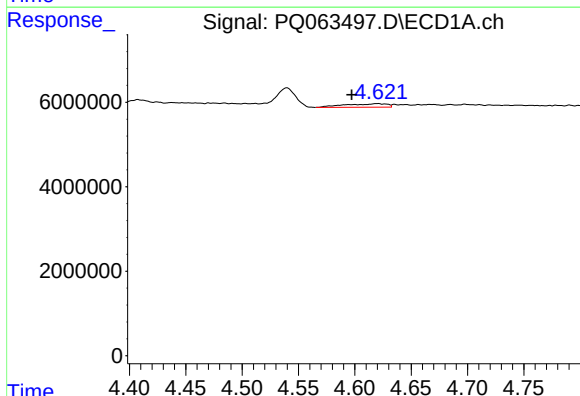
R.T.: 4.540 min  
Delta R.T.: -0.038 min  
Response: 5368557  
Conc: 32.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



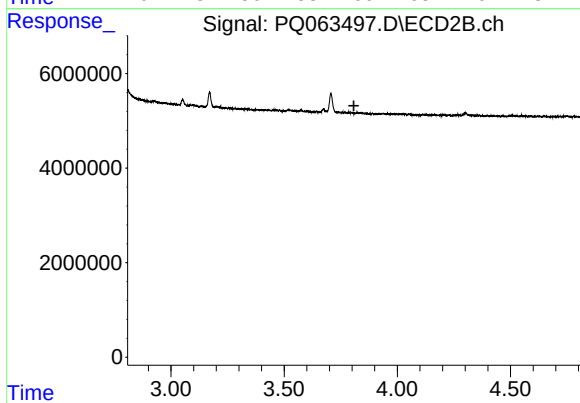
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 3.792 min  
Response: 0  
Conc: N.D.



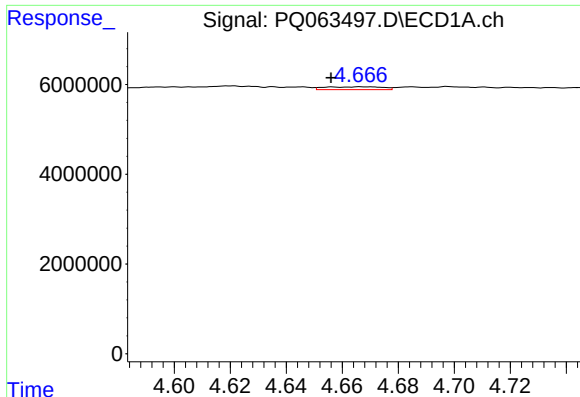
#4 AR-1016-2

R.T.: 4.620 min  
Delta R.T.: 0.023 min  
Response: 2181397  
Conc: 8.66 ng/ml



#4 AR-1016-2

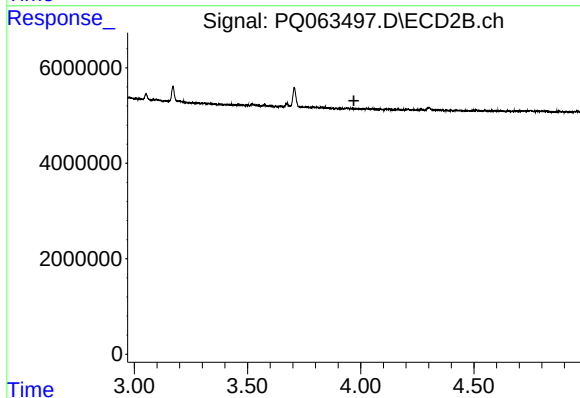
R.T.: 0.000 min  
Exp R.T. : 3.808 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

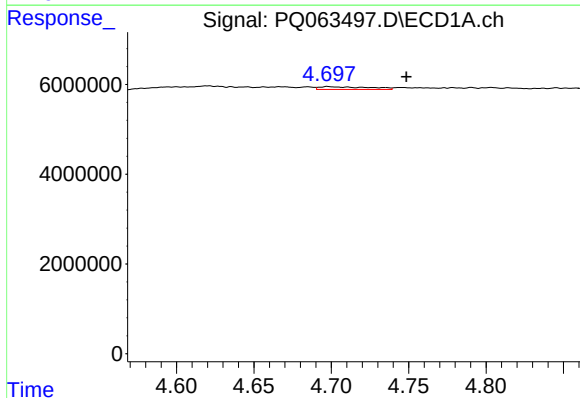
R.T.: 4.666 min  
Delta R.T.: 0.010 min  
Response: 898331  
Conc: 5.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



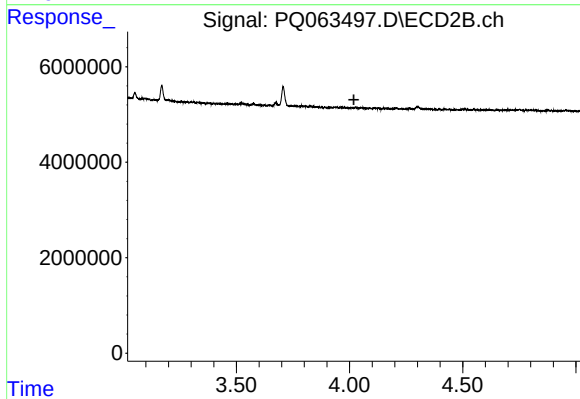
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 3.970 min  
Response: 0  
Conc: N.D.



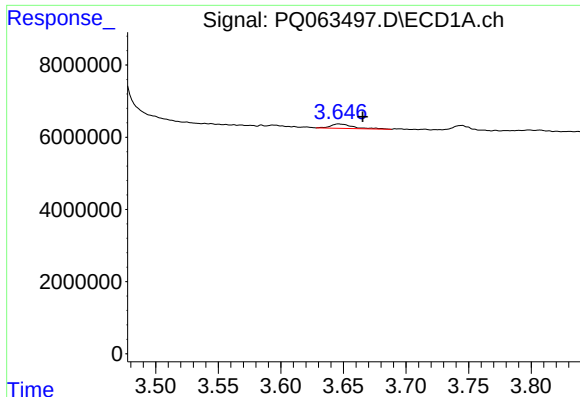
#6 AR-1016-4

R.T.: 4.698 min  
Delta R.T.: -0.051 min  
Response: 1379351  
Conc: 10.76 ng/ml



#6 AR-1016-4

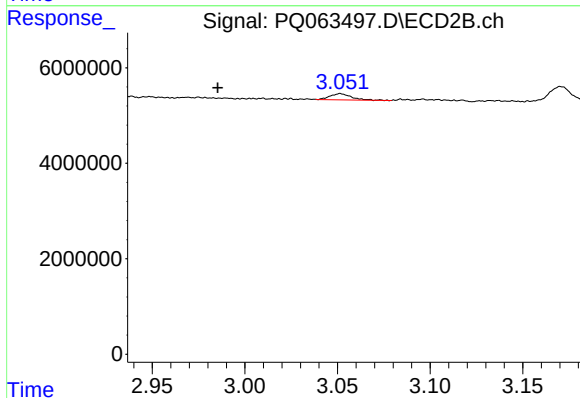
R.T.: 0.000 min  
Exp R.T. : 4.019 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

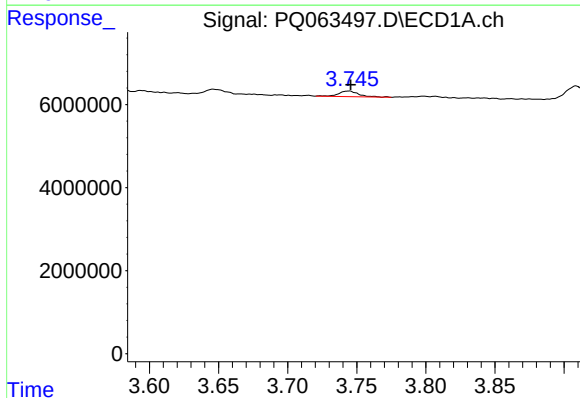
R.T.: 3.646 min  
Delta R.T.: -0.019 min  
Response: 1483922  
Conc: 23.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



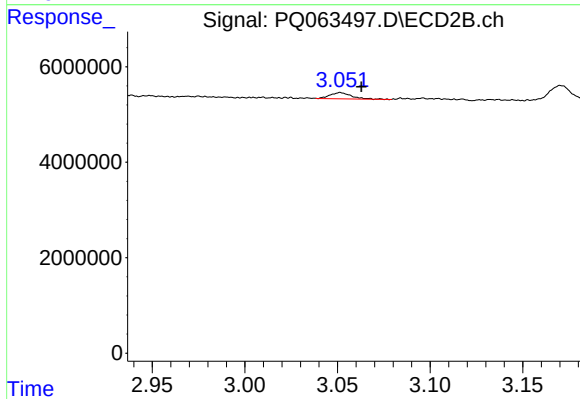
#8 AR-1221-1

R.T.: 3.052 min  
Delta R.T.: 0.066 min  
Response: 1062553  
Conc: 21.94 ng/ml



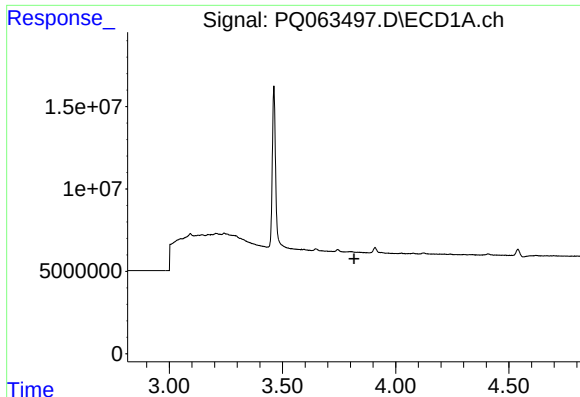
#9 AR-1221-2

R.T.: 3.744 min  
Delta R.T.: -0.001 min  
Response: 1379068  
Conc: 33.41 ng/ml



#9 AR-1221-2

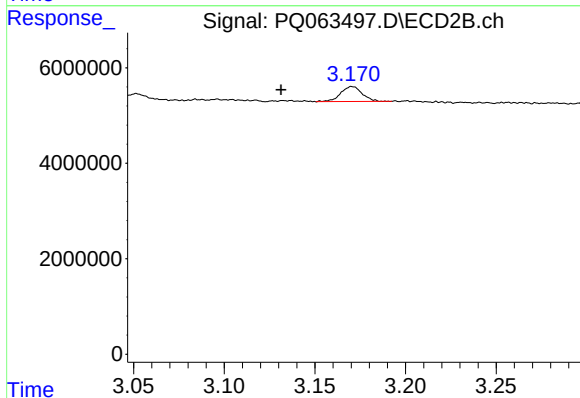
R.T.: 3.052 min  
Delta R.T.: -0.011 min  
Response: 1062553  
Conc: 31.88 ng/ml



#10 AR-1221-3

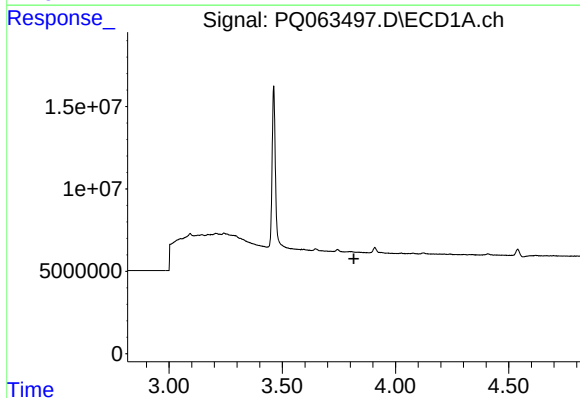
R.T.: 0.000 min  
Exp R.T.: 3.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



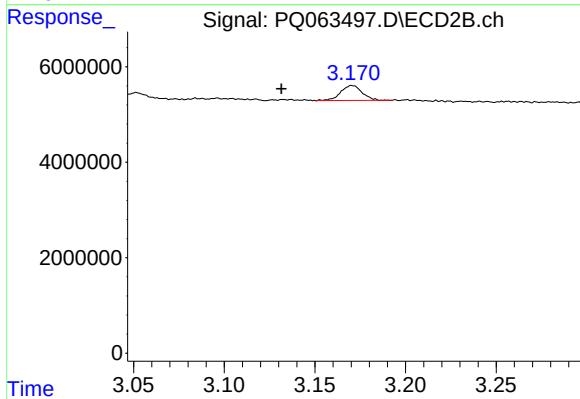
#10 AR-1221-3

R.T.: 3.171 min  
Delta R.T.: 0.039 min  
Response: 2571437  
Conc: 22.66 ng/ml



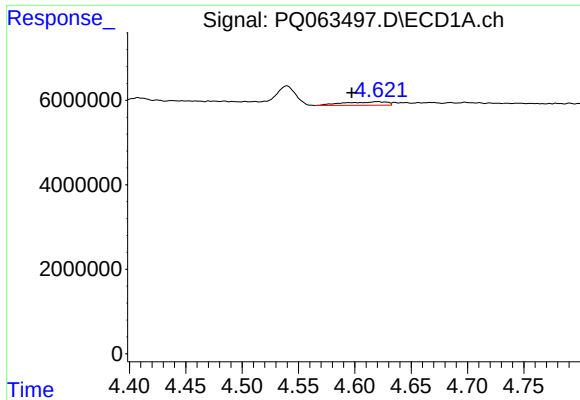
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 3.816 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

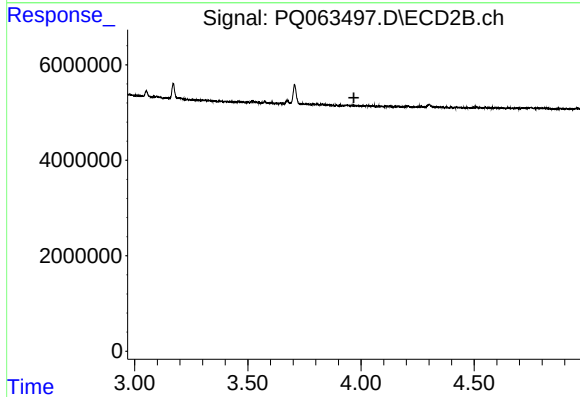
R.T.: 3.171 min  
Delta R.T.: 0.039 min  
Response: 2571437  
Conc: 27.39 ng/ml



#13 AR-1232-3

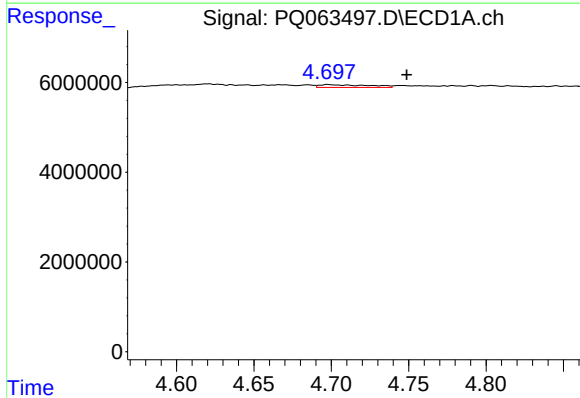
R.T.: 4.620 min  
Delta R.T.: 0.023 min  
Response: 2181397  
Conc: 19.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



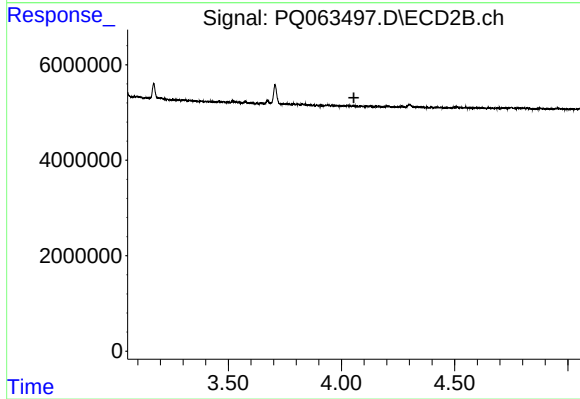
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 3.969 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

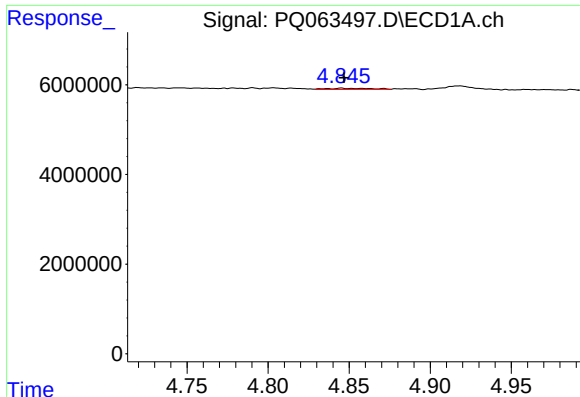
R.T.: 4.698 min  
Delta R.T.: -0.051 min  
Response: 1379351  
Conc: 23.86 ng/ml



#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.055 min  
Response: 0  
Conc: N.D.

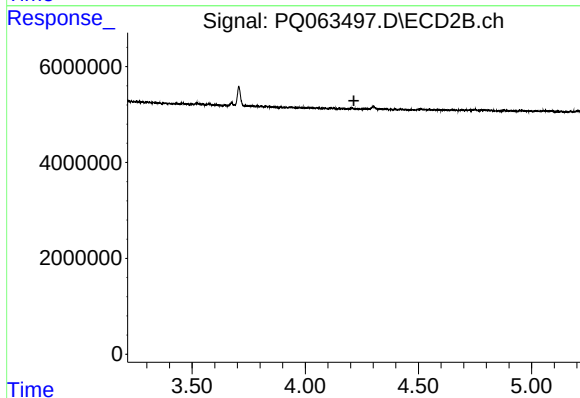




#15 AR-1232-5

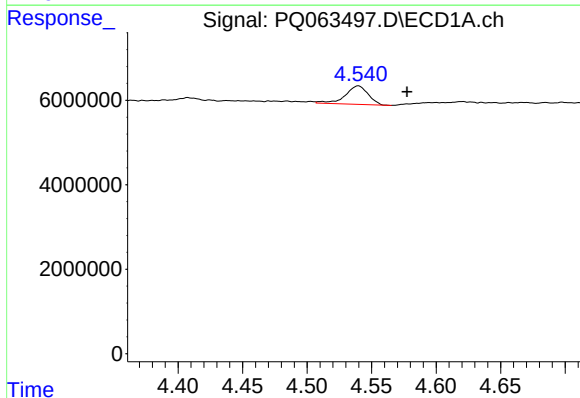
R.T.: 4.845 min  
Delta R.T.: -0.002 min  
Response: 472485  
Conc: 11.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



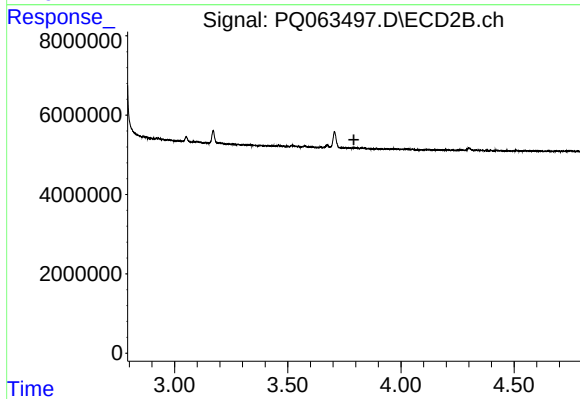
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 4.215 min  
Response: 0  
Conc: N.D.



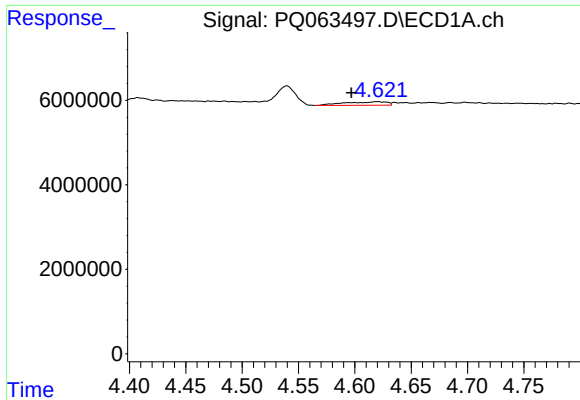
#16 AR-1242-1

R.T.: 4.540 min  
Delta R.T.: -0.038 min  
Response: 5368557  
Conc: 38.55 ng/ml



#16 AR-1242-1

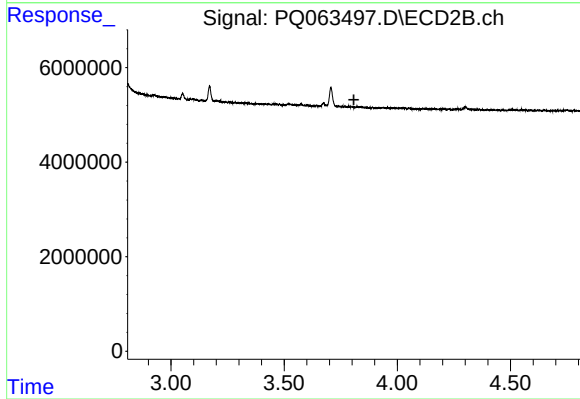
R.T.: 0.000 min  
Exp R.T. : 3.792 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

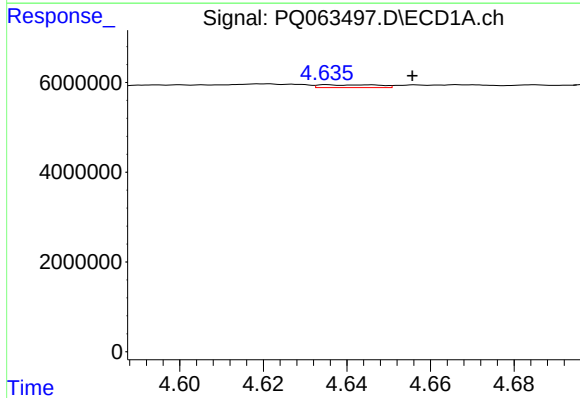
R.T.: 4.620 min  
Delta R.T.: 0.023 min  
Response: 2181397  
Conc: 10.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



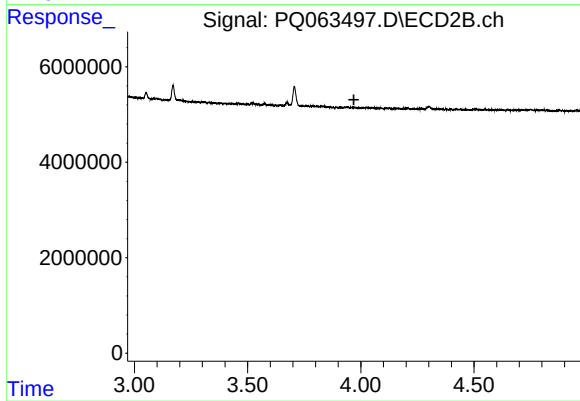
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 3.808 min  
Response: 0  
Conc: N.D.



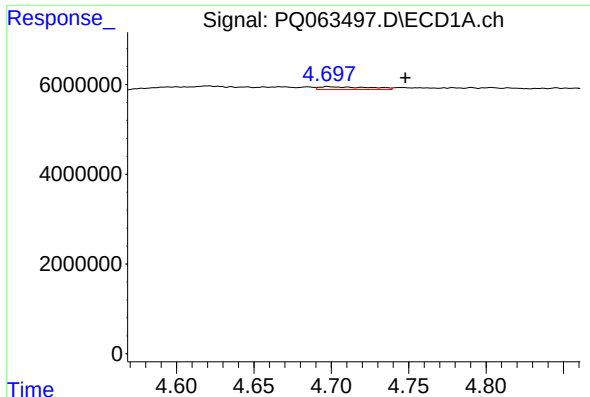
#18 AR-1242-3

R.T.: 4.646 min  
Delta R.T.: -0.010 min  
Response: 631839  
Conc: 4.75 ng/ml



#18 AR-1242-3

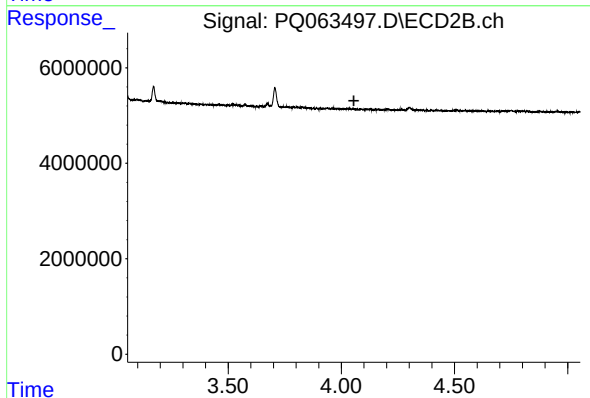
R.T.: 0.000 min  
Exp R.T. : 3.969 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

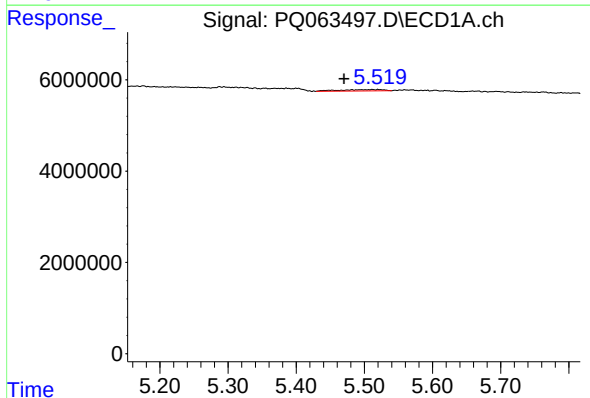
R.T.: 4.698 min  
Delta R.T.: -0.050 min  
Response: 1379351  
Conc: 12.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



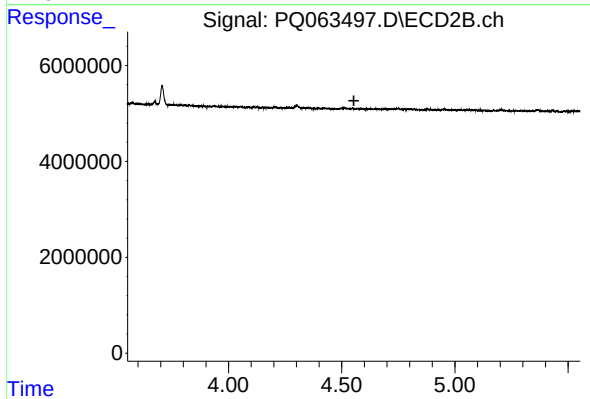
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.056 min  
Response: 0  
Conc: N.D.



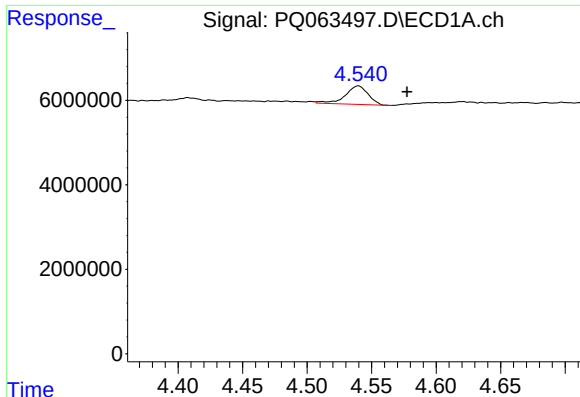
#20 AR-1242-5

R.T.: 5.512 min  
Delta R.T.: 0.042 min  
Response: 1379545  
Conc: 11.89 ng/ml



#20 AR-1242-5

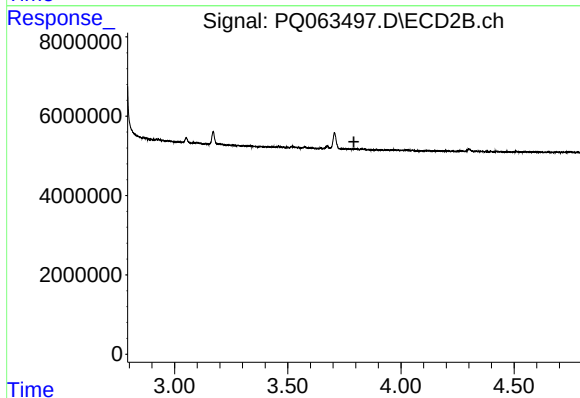
R.T.: 0.000 min  
Exp R.T. : 4.554 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

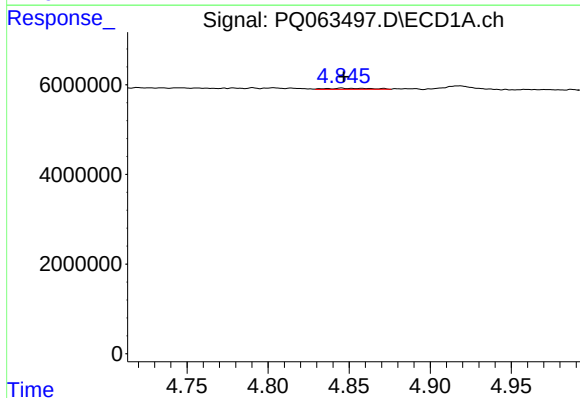
R.T.: 4.540 min  
Delta R.T.: -0.038 min  
Response: 5368557  
Conc: 50.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



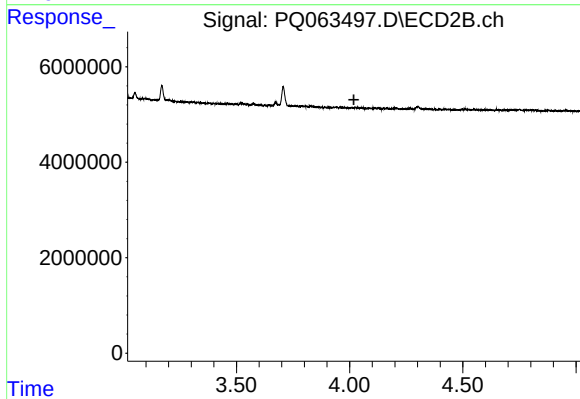
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 3.792 min  
Response: 0  
Conc: N.D.



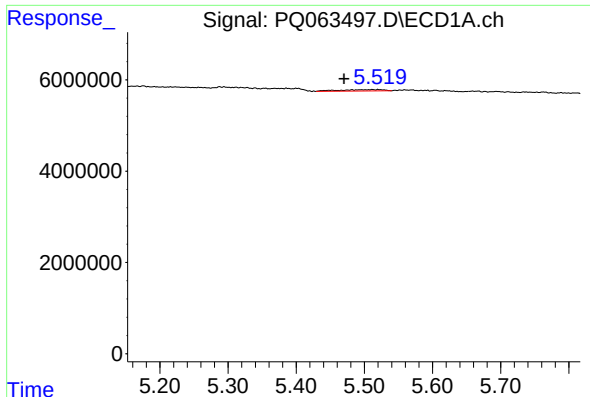
#22 AR-1248-2

R.T.: 4.845 min  
Delta R.T.: -0.001 min  
Response: 472485  
Conc: 3.09 ng/ml



#22 AR-1248-2

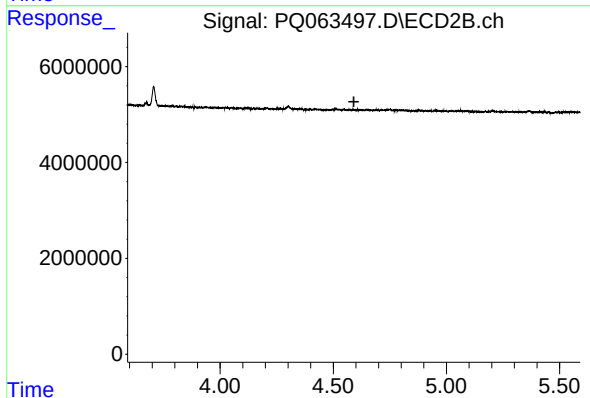
R.T.: 0.000 min  
Exp R.T. : 4.019 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

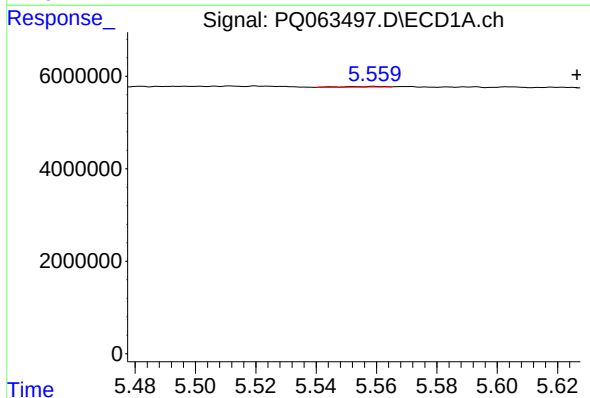
R.T.: 5.512 min  
Delta R.T.: 0.042 min  
Response: 1379545  
Conc: 6.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



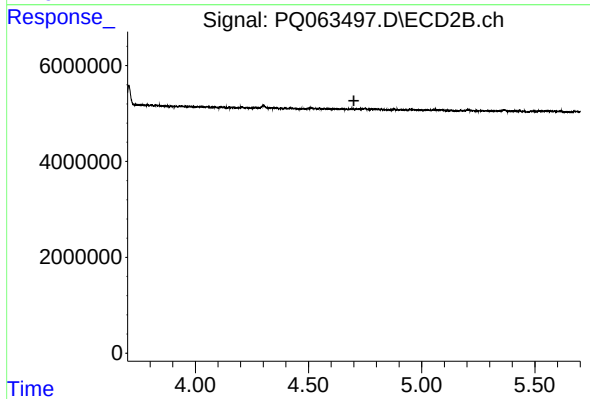
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 4.591 min  
Response: 0  
Conc: N.D.



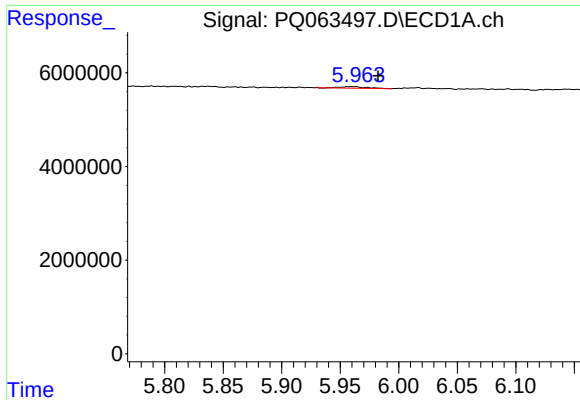
#27 AR-1254-2

R.T.: 5.559 min  
Delta R.T.: -0.067 min  
Response: 100640  
Conc: 0.32 ng/ml



#27 AR-1254-2

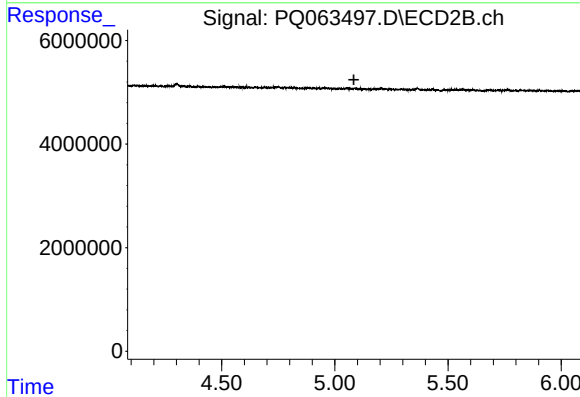
R.T.: 0.000 min  
Exp R.T. : 4.701 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

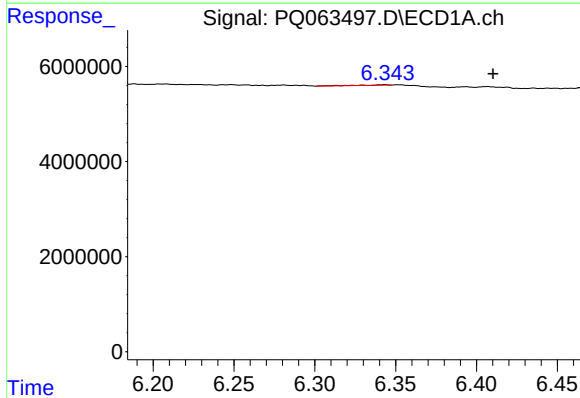
R.T.: 5.962 min  
Delta R.T.: -0.020 min  
Response: 519599  
Conc: 1.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



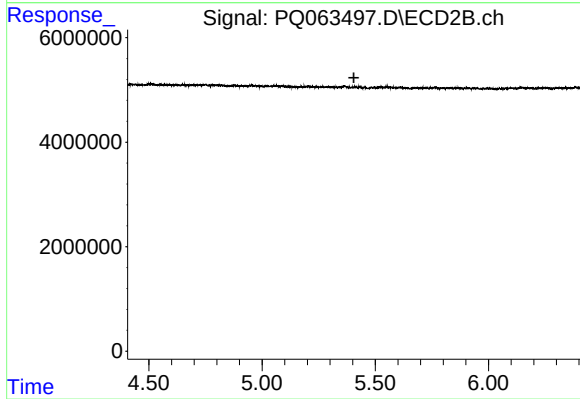
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.084 min  
Response: 0  
Conc: N.D.



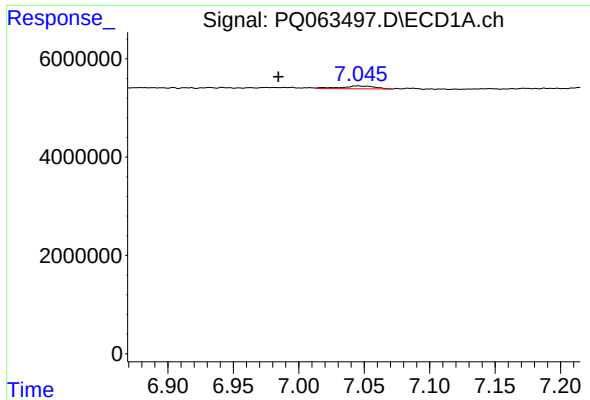
#32 AR-1260-2

R.T.: 6.343 min  
Delta R.T.: -0.067 min  
Response: 132308  
Conc: 0.44 ng/ml



#32 AR-1260-2

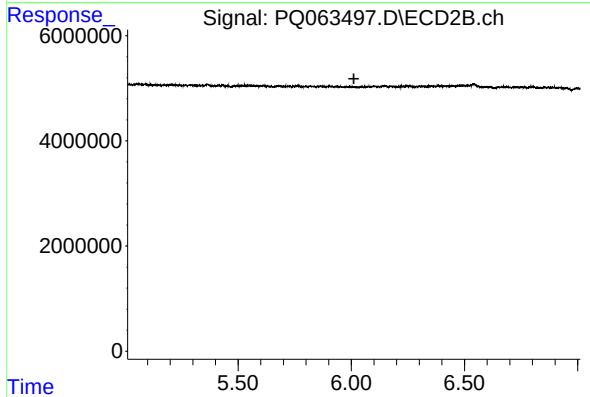
R.T.: 0.000 min  
Exp R.T. : 5.405 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

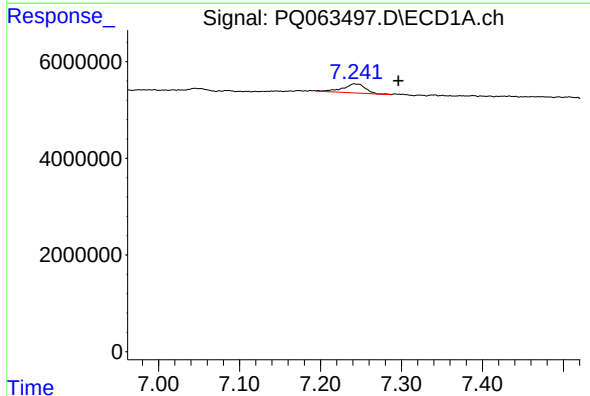
R.T.: 7.045 min  
Delta R.T.: 0.061 min  
Response: 1058261  
Conc: 4.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



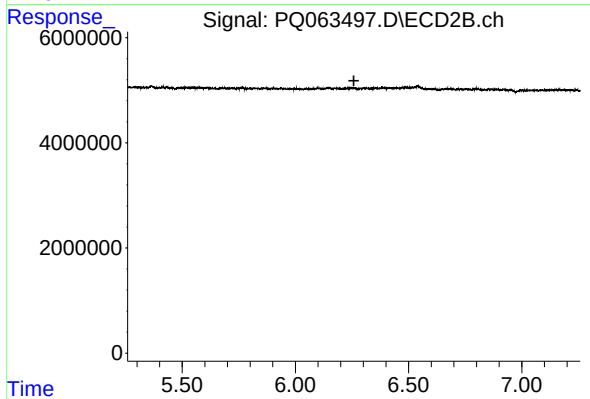
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.011 min  
Response: 0  
Conc: N.D.



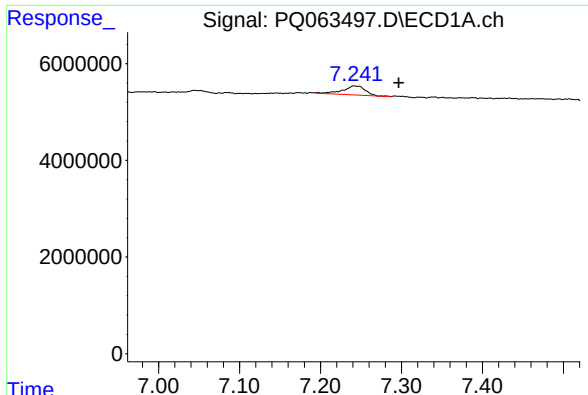
#35 AR-1260-5

R.T.: 7.242 min  
Delta R.T.: -0.055 min  
Response: 3615089  
Conc: 7.59 ng/ml



#35 AR-1260-5

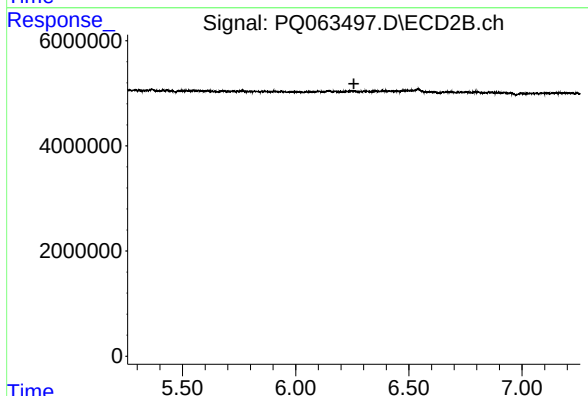
R.T.: 0.000 min  
Exp R.T. : 6.259 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

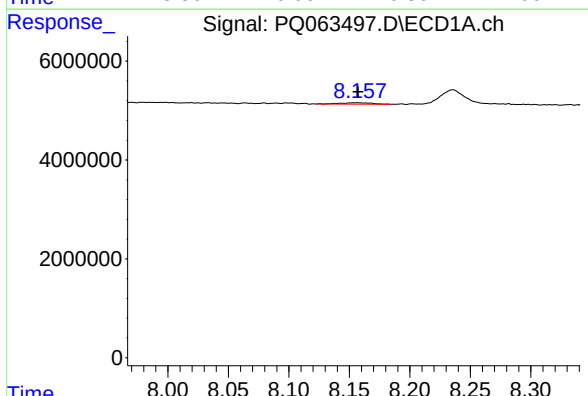
R.T.: 7.242 min  
Delta R.T.: -0.055 min  
Response: 3615089  
Conc: 6.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



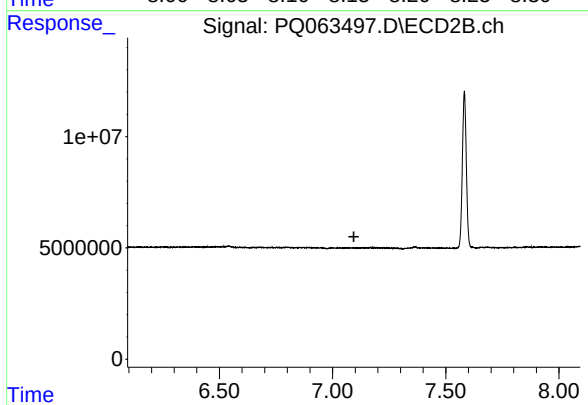
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.257 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

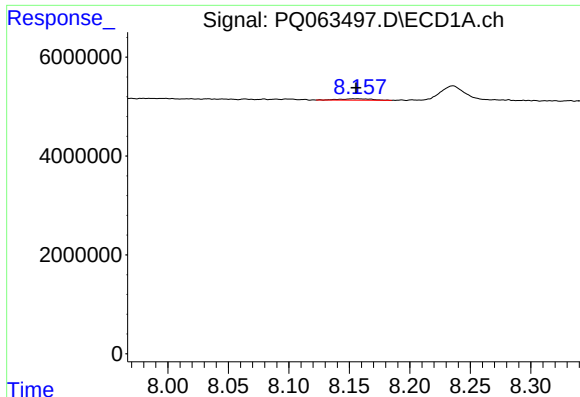
R.T.: 8.157 min  
Delta R.T.: 0.000 min  
Response: 534172  
Conc: 2.89 ng/ml



#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.094 min  
Response: 0  
Conc: N.D.

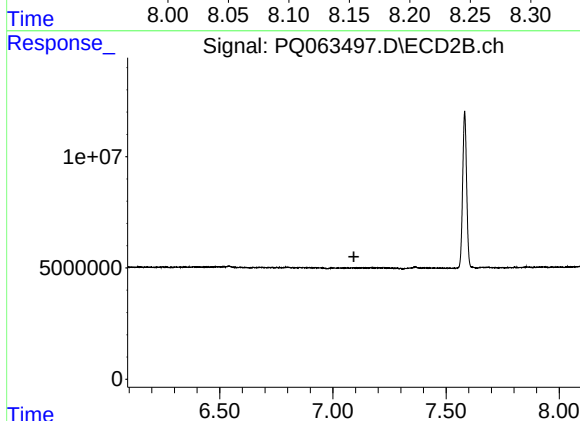




#44 AR-1268-4

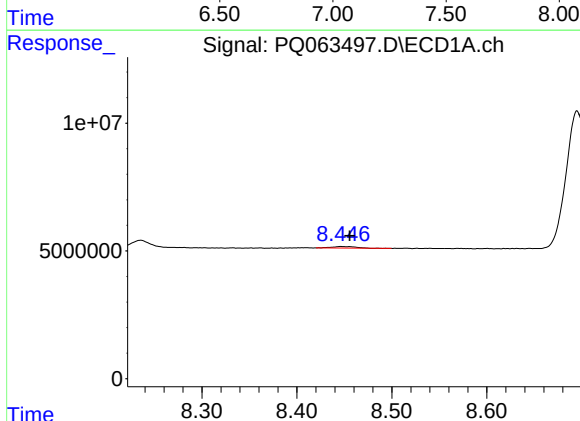
R.T.: 8.157 min  
Delta R.T.: 0.001 min  
Response: 534172  
Conc: 2.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



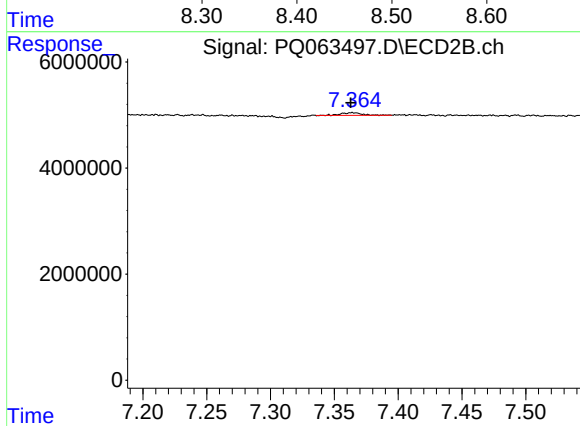
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.093 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.447 min  
Delta R.T.: -0.009 min  
Response: 951256  
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 7.364 min  
Delta R.T.: 0.001 min  
Response: 574858  
Conc: 0.40 ng/ml