

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081019\  
 Data File : PQ042273.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2019 21:30  
 Operator : SM\AJ  
 Sample : K4286-05  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ETPA5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 08:32:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072719CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jul 29 04:03:40 2019  
 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... | 5.677  | 4.737  | 44481251 | 41052483 | 19.395  | 21.301   |
| 2)                          | SA Decachlor... | 12.063 | 10.485 | 158.0E6  | 125.2E6  | 18.741  | 25.872 # |
| Target Compounds            |                 |        |        |          |          |         |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.481  | 0        | 1746214  | N.D.    | 23.416 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.481  | 0        | 1746214  | N.D.    | 28.160 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.733  | 0        | 814824   | N.D.    | 10.010 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.481  | 0        | 1746214  | N.D.    | 58.559 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.530  | 0        | 1791561  | N.D.    | 67.108 # |
| 15)                         | L3 AR-1232-5    | 7.435  | 6.733  | 1923876  | 814824   | 89.523  | 27.785 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.481  | 0        | 1746214  | N.D.    | 29.560 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.530  | 0        | 1791561  | N.D.    | 30.213 # |
| 20)                         | L4 AR-1242-5    | 8.153  | 7.142  | 5495480  | 8062781  | 61.938  | 90.803 # |
| 22)                         | L5 AR-1248-2    | 7.435  | 6.481  | 1923876  | 1746214  | 20.852  | 20.028   |
| 23)                         | L5 AR-1248-3    | 0.000  | 6.530  | 0        | 1791561  | N.D.    | 20.072 # |
| 24)                         | L5 AR-1248-4    | 8.116  | 6.733  | 8211733  | 814824   | 52.519  | 7.398 #  |
| 25)                         | L5 AR-1248-5    | 8.153  | 7.188  | 5495480  | 4960502  | 36.316  | 38.701   |
| 26)                         | L6 AR-1254-1    | 8.086  | 7.142  | 4560431  | 8062781  | 32.782  | 44.087 # |
| 27)                         | L6 AR-1254-2    | 8.322  | 7.310  | 21551715 | 1847803  | 94.160  | 11.415 # |
| 28)                         | L6 AR-1254-3    | 8.726  | 7.778  | 16388530 | 11985094 | 59.938  | 41.556 # |
| 29)                         | L6 AR-1254-4    | 9.017  | 8.004  | 4579701  | 4525593  | 18.603  | 20.848   |
| 30)                         | L6 AR-1254-5    | 9.456  | 8.451  | 4233296  | 3370308  | 15.630  | 11.206 # |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.899  | 0        | 3764028  | N.D.    | 20.746 # |
| 32)                         | L7 AR-1260-2    | 9.153  | 8.099  | 54308466 | 1819380  | 215.275 | 7.416 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 8.262  | 0        | 1864062  | N.D.    | 8.761 #  |
| 35)                         | L7 AR-1260-5    | 10.121 | 9.015  | 2554766  | 2692989  | 3.793   | 4.563    |
| 37)                         | L8 AR-1262-2    | 10.121 | 9.015  | 2554766  | 2692989  | 2.918   | 3.634    |
| 38)                         | L8 AR-1262-3    | 0.000  | 9.376  | 0        | 1481189  | N.D.    | 4.682 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 9.376  | 0        | 1481189  | N.D.    | 2.634 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 9.376  | 0        | 1481189  | N.D.    | 1.296 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 9.376  | 0        | 1481189  | N.D.    | 1.443 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 10.213 | 0        | 1118512  | N.D.    | 0.431 #  |
| -----                       |                 |        |        |          |          |         |          |

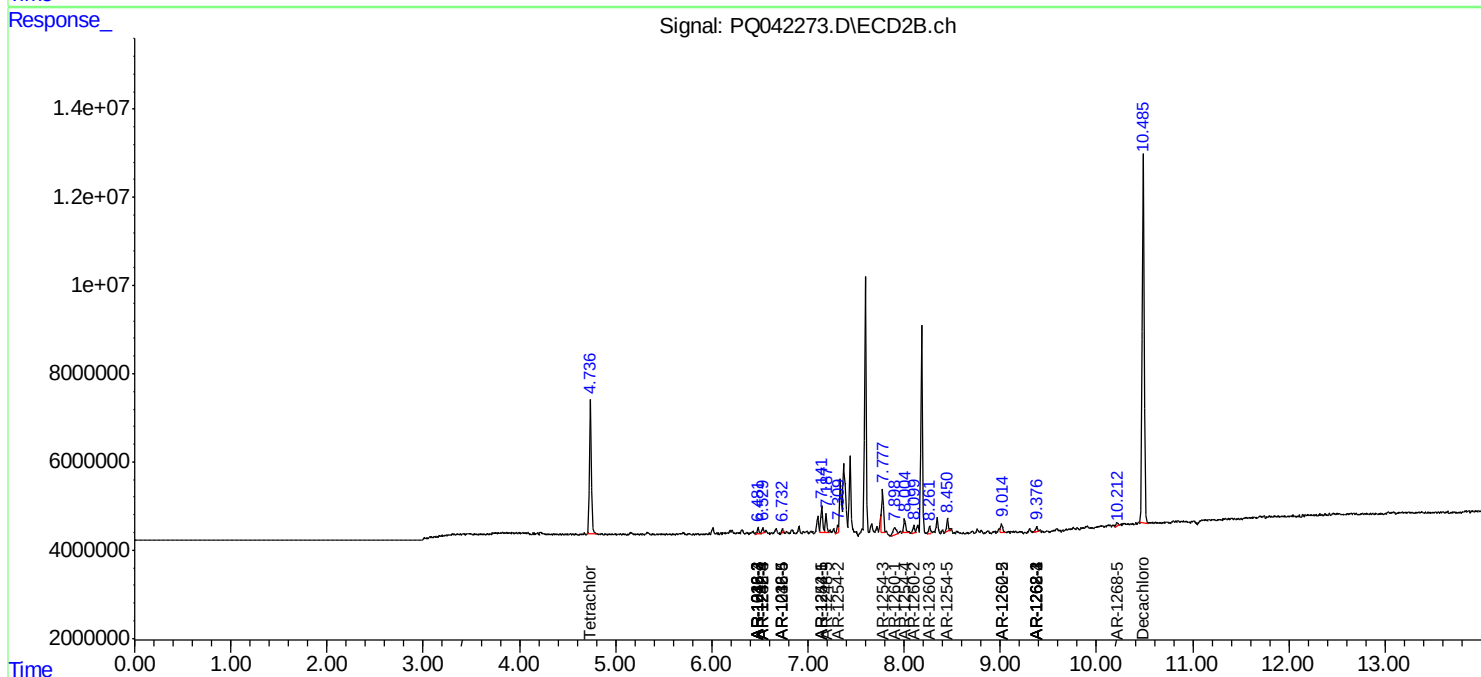
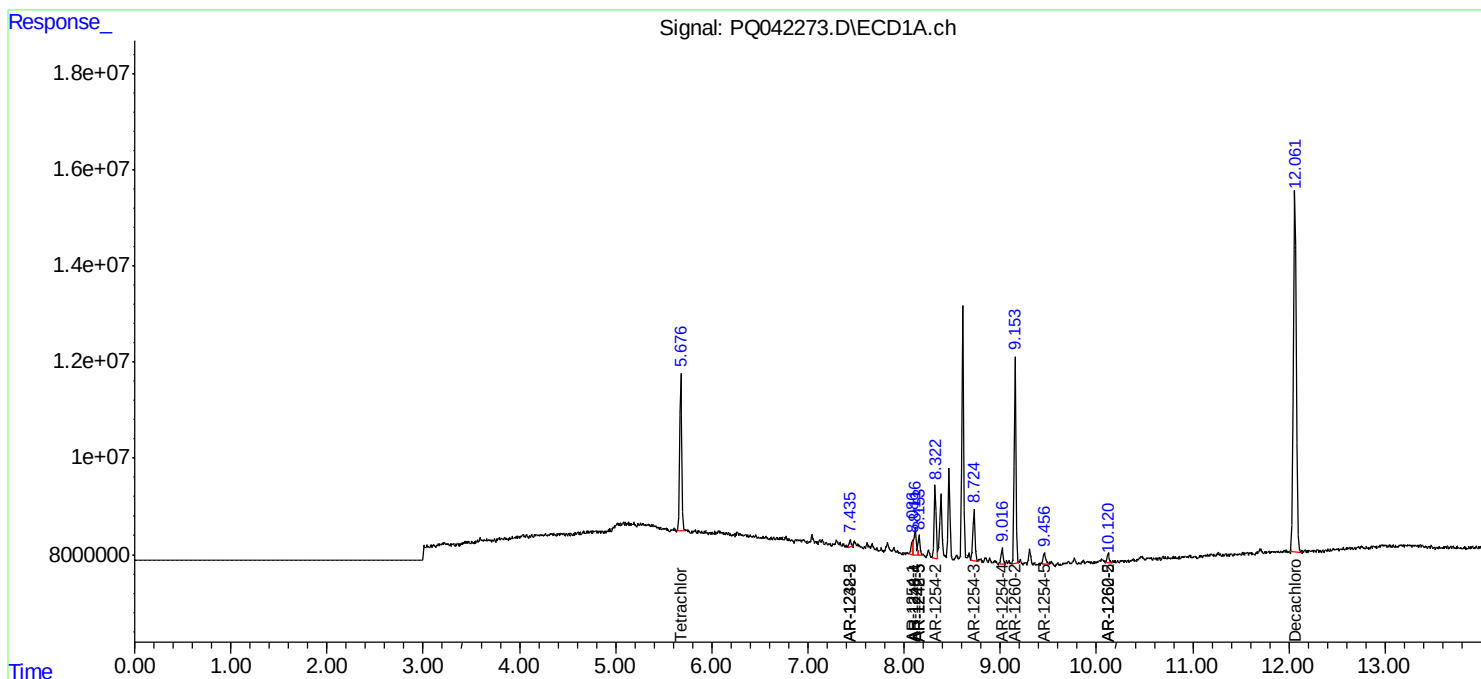
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

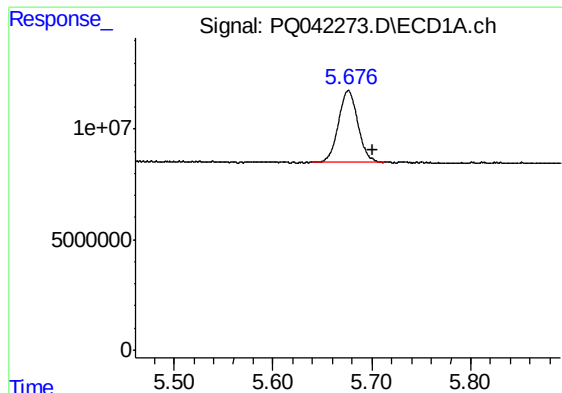
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081019\  
Data File : PQ042273.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2019 21:30  
Operator : SM\AJ  
Sample : K4286-05  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 08:32:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072719CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jul 29 04:03:40 2019  
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

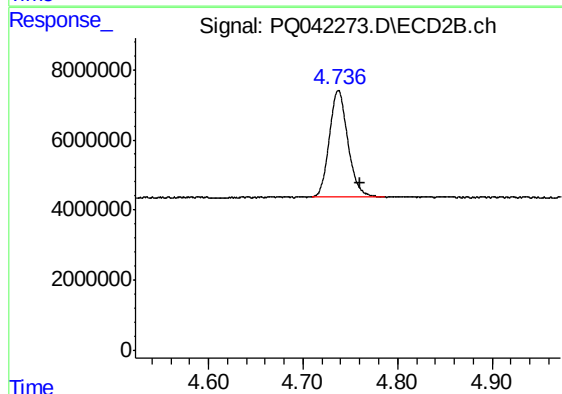




#1 Tetrachloro-m-xylene

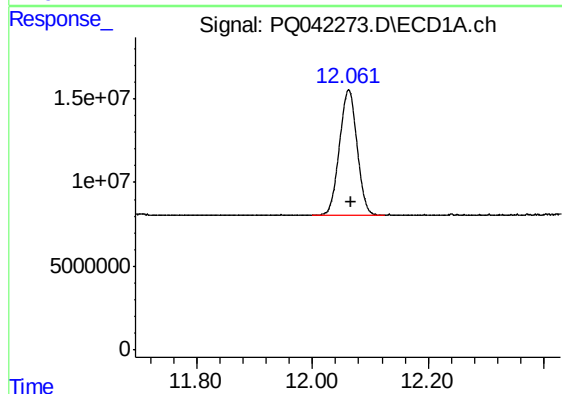
R.T.: 5.677 min  
Delta R.T.: -0.024 min  
Response: 44481251  
Conc: 19.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



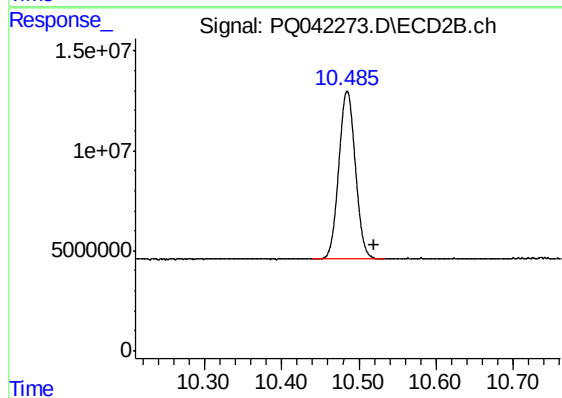
#1 Tetrachloro-m-xylene

R.T.: 4.737 min  
Delta R.T.: -0.023 min  
Response: 41052483  
Conc: 21.30 ng/ml



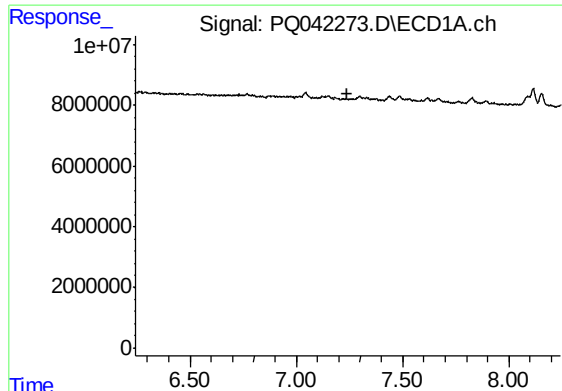
#2 Decachlorobiphenyl

R.T.: 12.063 min  
Delta R.T.: -0.004 min  
Response: 158010494  
Conc: 18.74 ng/ml



#2 Decachlorobiphenyl

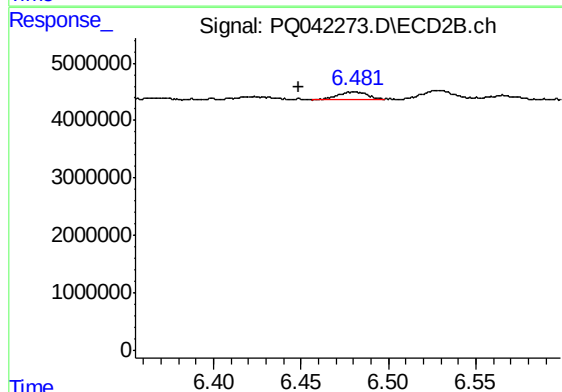
R.T.: 10.485 min  
Delta R.T.: -0.035 min  
Response: 125152582  
Conc: 25.87 ng/ml



#5 AR-1016-3

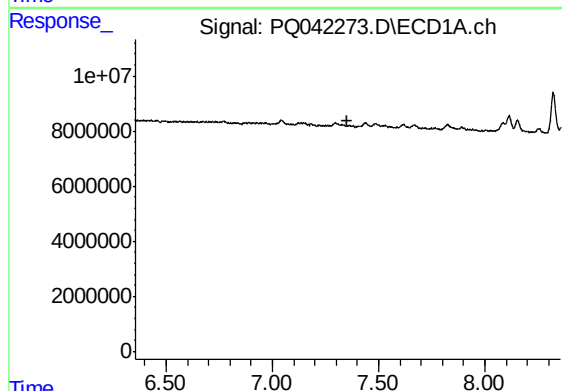
R.T.: 0.000 min  
Exp R.T. : 7.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



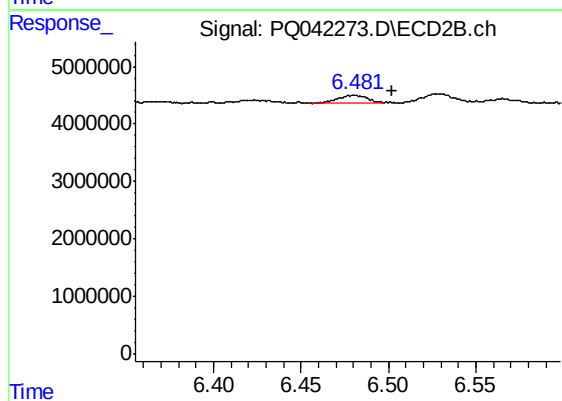
#5 AR-1016-3

R.T.: 6.481 min  
Delta R.T.: 0.032 min  
Response: 1746214  
Conc: 23.42 ng/ml



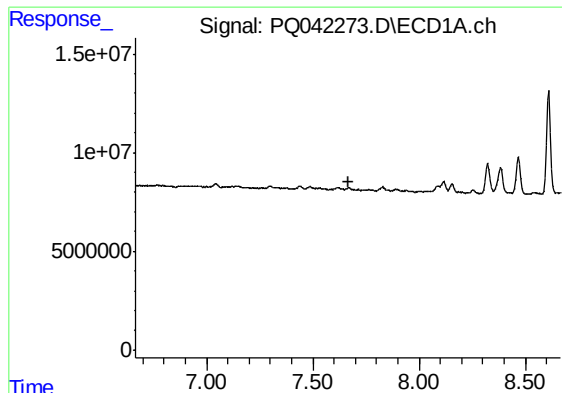
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 7.356 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

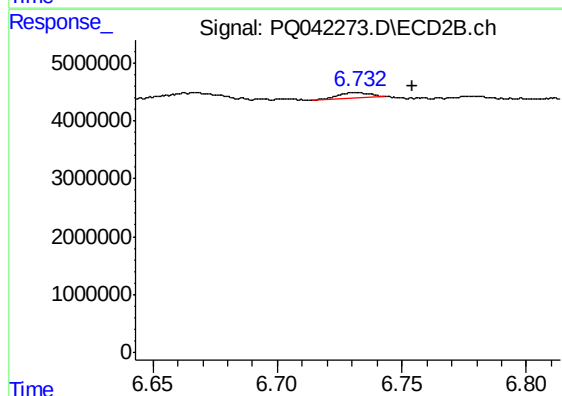
R.T.: 6.481 min  
Delta R.T.: -0.021 min  
Response: 1746214  
Conc: 28.16 ng/ml



#7 AR-1016-5

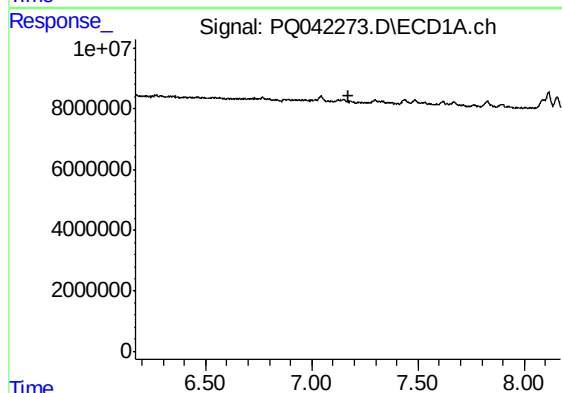
R.T.: 0.000 min  
Exp R.T. : 7.665 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



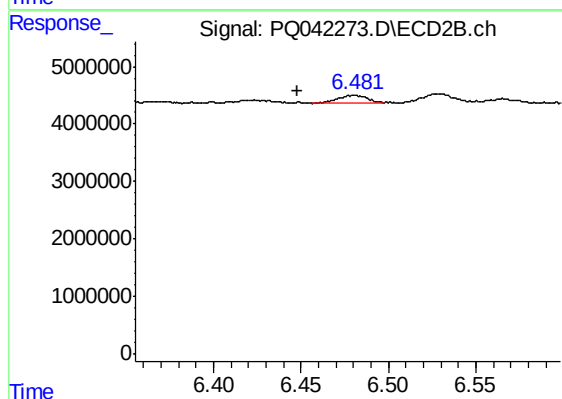
#7 AR-1016-5

R.T.: 6.733 min  
Delta R.T.: -0.021 min  
Response: 814824  
Conc: 10.01 ng/ml



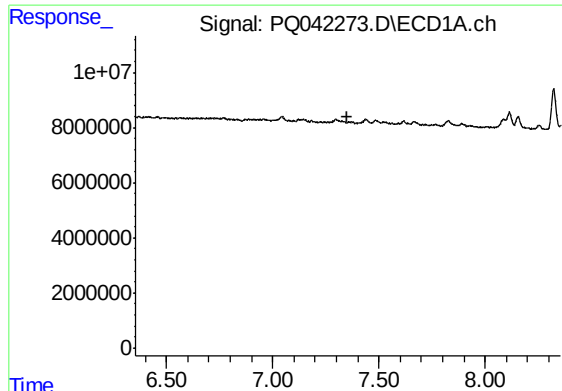
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 7.170 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

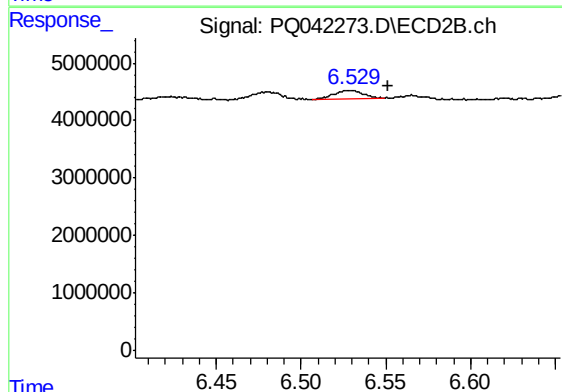
R.T.: 6.481 min  
Delta R.T.: 0.033 min  
Response: 1746214  
Conc: 58.56 ng/ml



#14 AR-1232-4

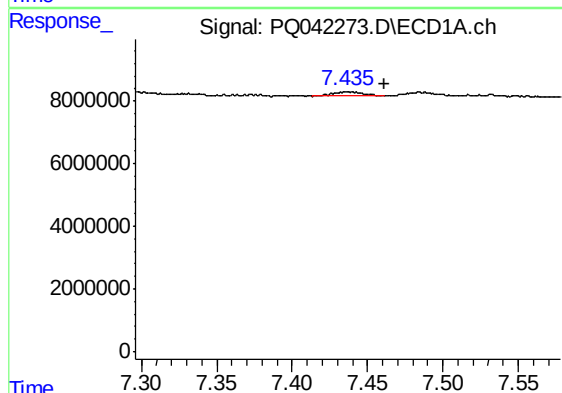
R.T.: 0.000 min  
Exp R.T.: 7.354 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



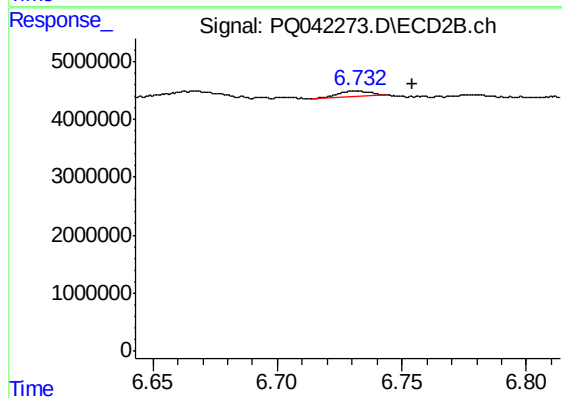
#14 AR-1232-4

R.T.: 6.530 min  
Delta R.T.: -0.022 min  
Response: 1791561  
Conc: 67.11 ng/ml



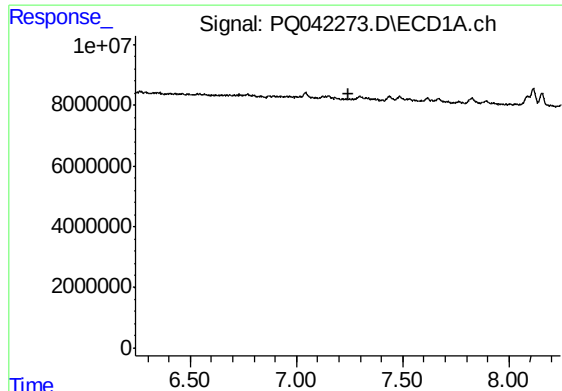
#15 AR-1232-5

R.T.: 7.435 min  
Delta R.T.: -0.026 min  
Response: 1923876  
Conc: 89.52 ng/ml



#15 AR-1232-5

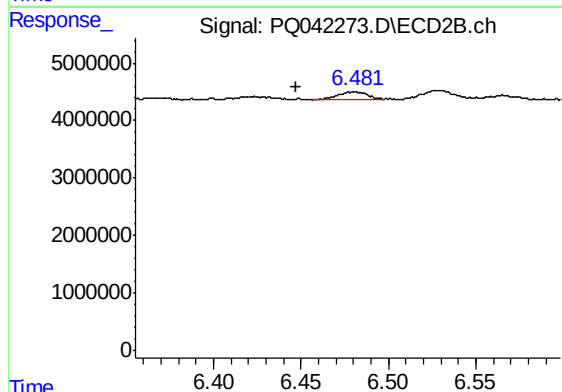
R.T.: 6.733 min  
Delta R.T.: -0.021 min  
Response: 814824  
Conc: 27.78 ng/ml



#18 AR-1242-3

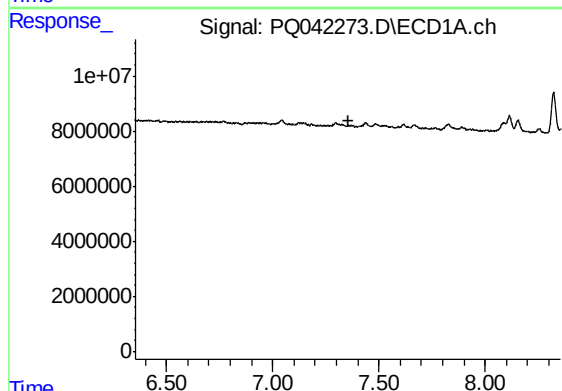
R.T.: 0.000 min  
Exp R.T. : 7.242 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



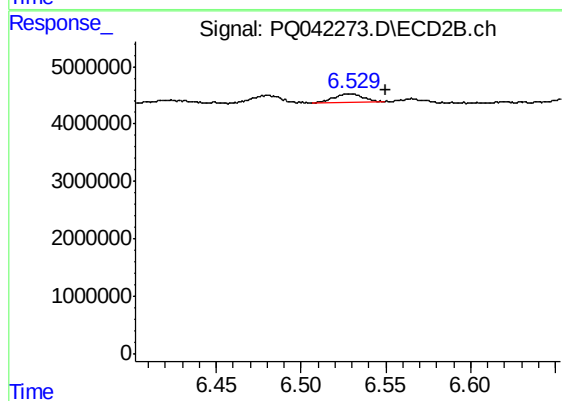
#18 AR-1242-3

R.T.: 6.481 min  
Delta R.T.: 0.034 min  
Response: 1746214  
Conc: 29.56 ng/ml



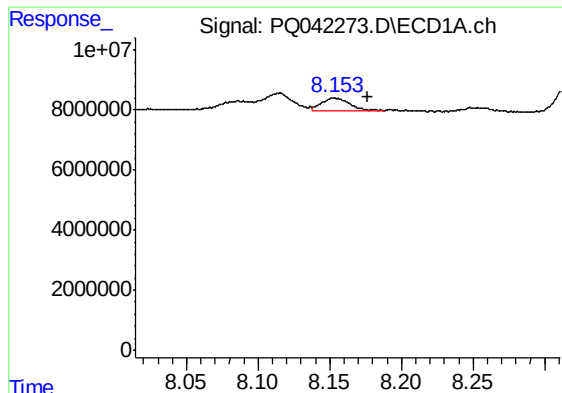
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 7.355 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

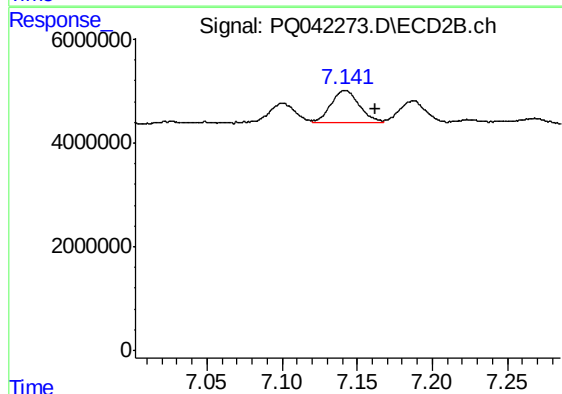
R.T.: 6.530 min  
Delta R.T.: -0.021 min  
Response: 1791561  
Conc: 30.21 ng/ml



#20 AR-1242-5

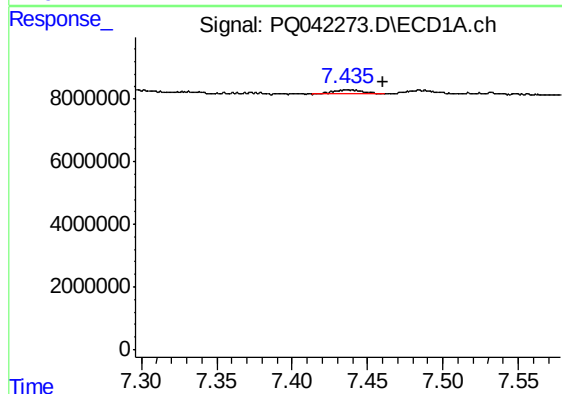
R.T.: 8.153 min  
Delta R.T.: -0.024 min  
Response: 5495480  
Conc: 61.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



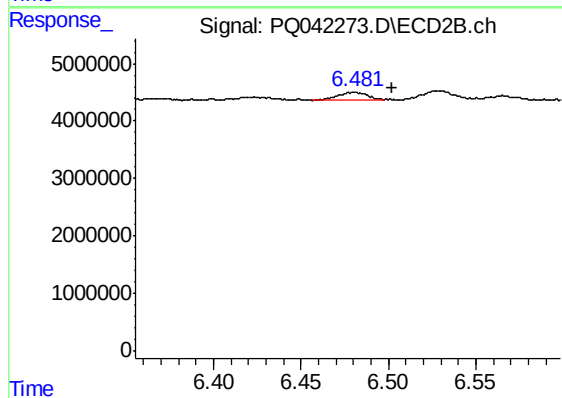
#20 AR-1242-5

R.T.: 7.142 min  
Delta R.T.: -0.021 min  
Response: 8062781  
Conc: 90.80 ng/ml



#22 AR-1248-2

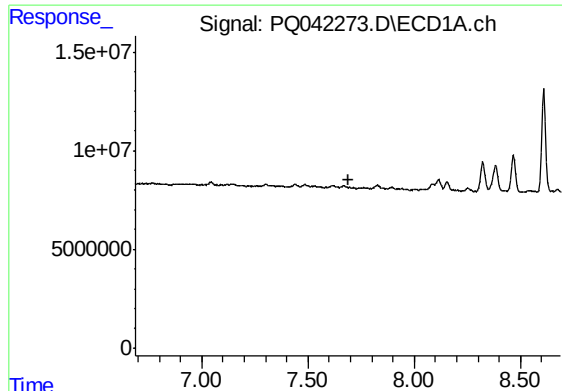
R.T.: 7.435 min  
Delta R.T.: -0.025 min  
Response: 1923876  
Conc: 20.85 ng/ml



#22 AR-1248-2

R.T.: 6.481 min  
Delta R.T.: -0.021 min  
Response: 1746214  
Conc: 20.03 ng/ml

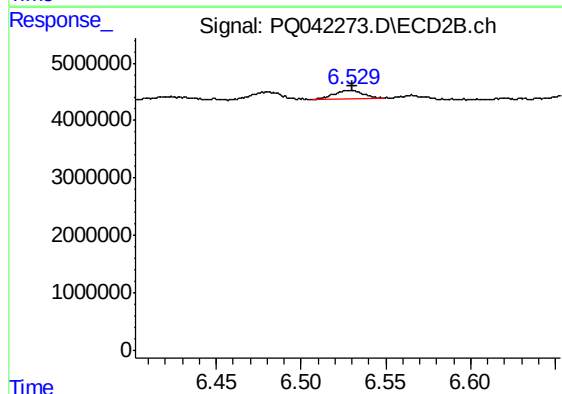




#23 AR-1248-3

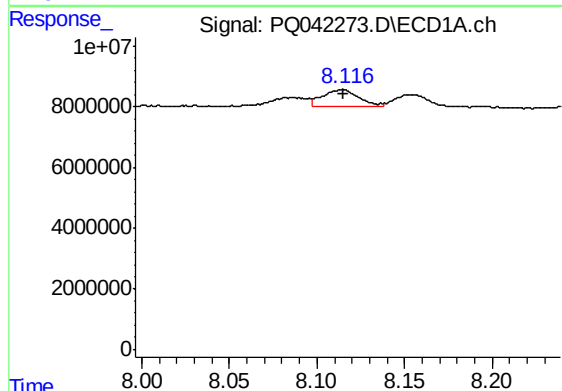
R.T.: 0.000 min  
Exp R.T.: 7.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



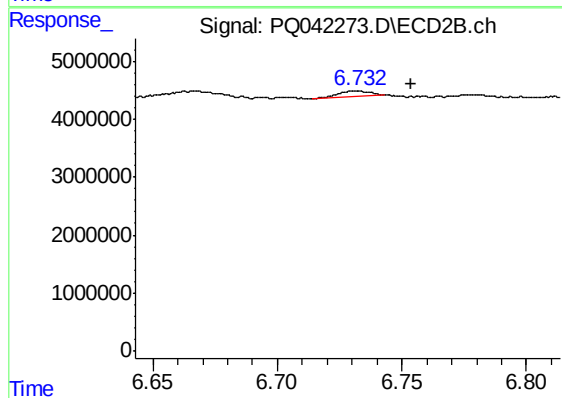
#23 AR-1248-3

R.T.: 6.530 min  
Delta R.T.: 0.000 min  
Response: 1791561  
Conc: 20.07 ng/ml



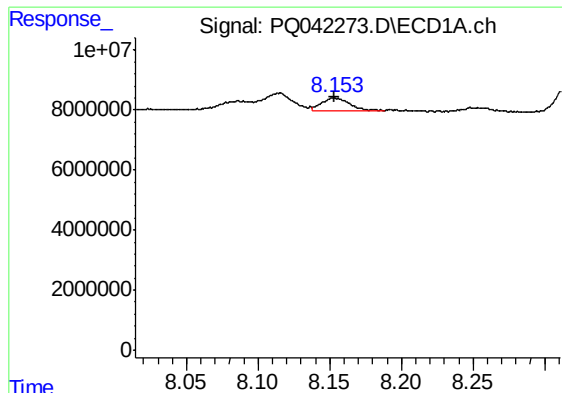
#24 AR-1248-4

R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 8211733  
Conc: 52.52 ng/ml



#24 AR-1248-4

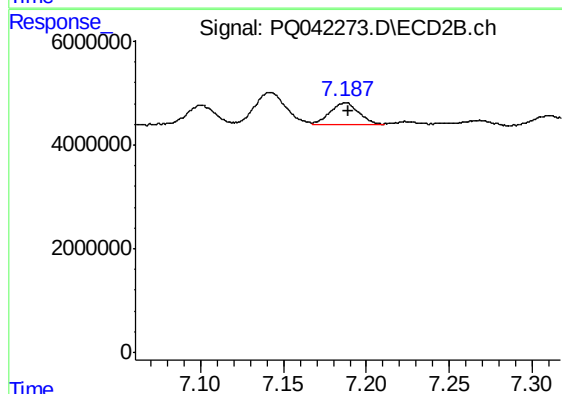
R.T.: 6.733 min  
Delta R.T.: -0.021 min  
Response: 814824  
Conc: 7.40 ng/ml



#25 AR-1248-5

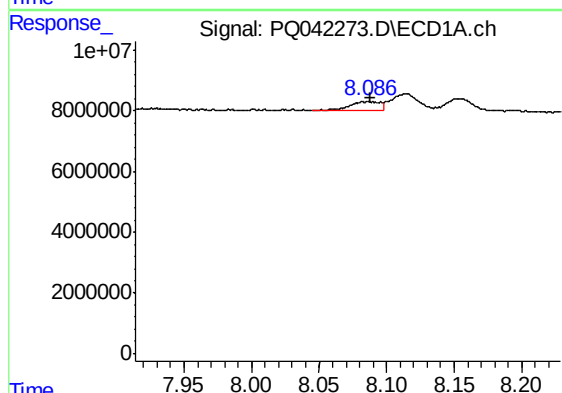
R.T.: 8.153 min  
Delta R.T.: 0.000 min  
Response: 5495480  
Conc: 36.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



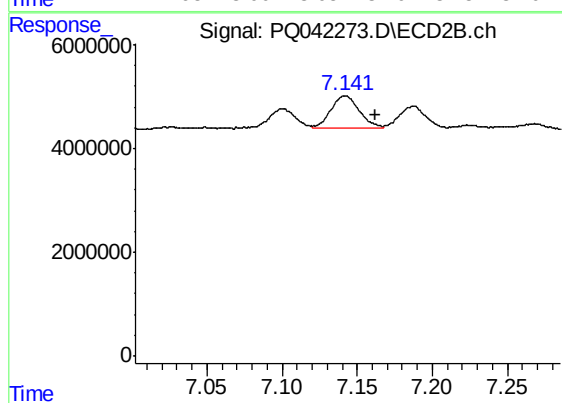
#25 AR-1248-5

R.T.: 7.188 min  
Delta R.T.: -0.002 min  
Response: 4960502  
Conc: 38.70 ng/ml



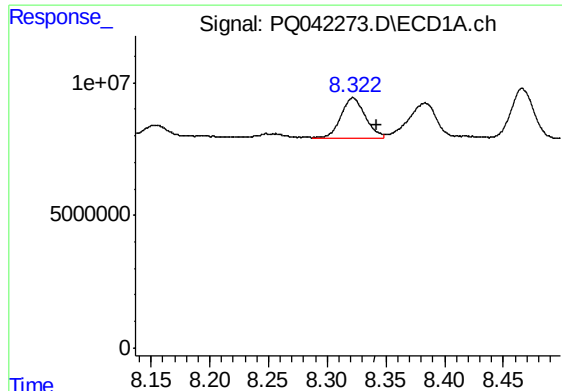
#26 AR-1254-1

R.T.: 8.086 min  
Delta R.T.: -0.002 min  
Response: 4560431  
Conc: 32.78 ng/ml



#26 AR-1254-1

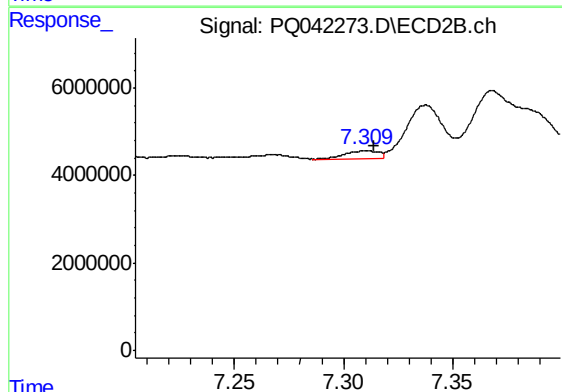
R.T.: 7.142 min  
Delta R.T.: -0.020 min  
Response: 8062781  
Conc: 44.09 ng/ml



#27 AR-1254-2

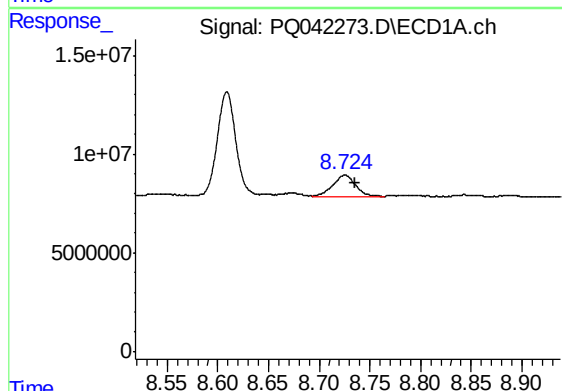
R.T.: 8.322 min  
Delta R.T.: -0.020 min  
Response: 21551715  
Conc: 94.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



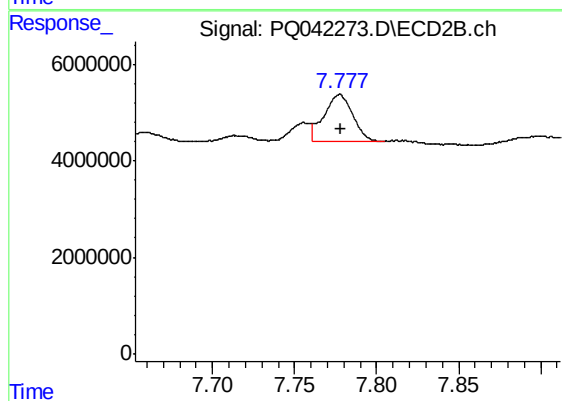
#27 AR-1254-2

R.T.: 7.310 min  
Delta R.T.: -0.004 min  
Response: 1847803  
Conc: 11.42 ng/ml



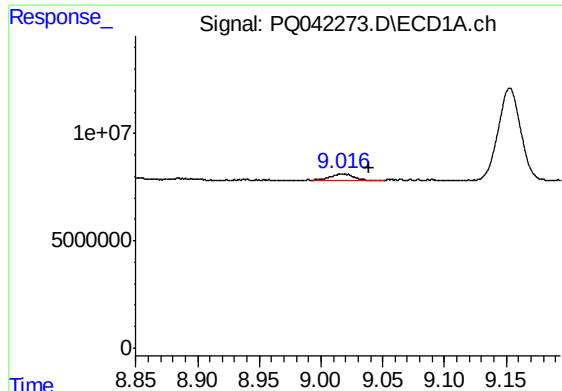
#28 AR-1254-3

R.T.: 8.726 min  
Delta R.T.: -0.010 min  
Response: 16388530  
Conc: 59.94 ng/ml



#28 AR-1254-3

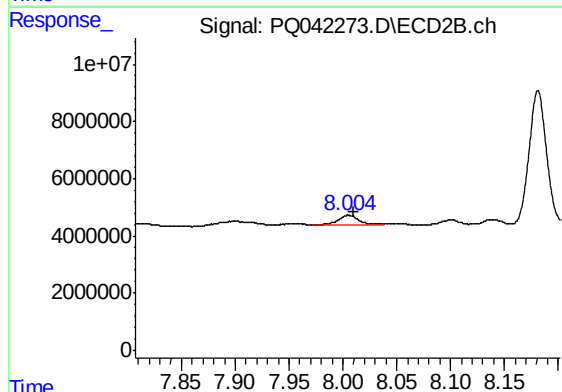
R.T.: 7.778 min  
Delta R.T.: 0.000 min  
Response: 11985094  
Conc: 41.56 ng/ml



#29 AR-1254-4

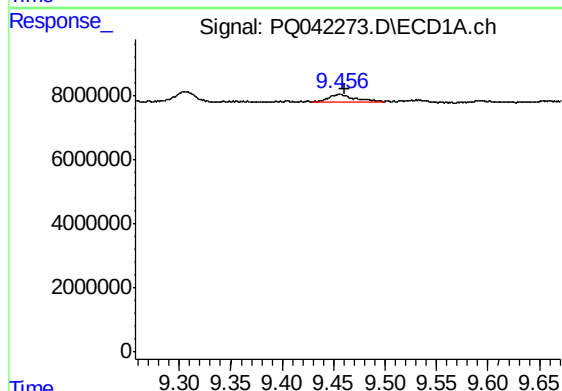
R.T.: 9.017 min  
Delta R.T.: -0.022 min  
Response: 4579701  
Conc: 18.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



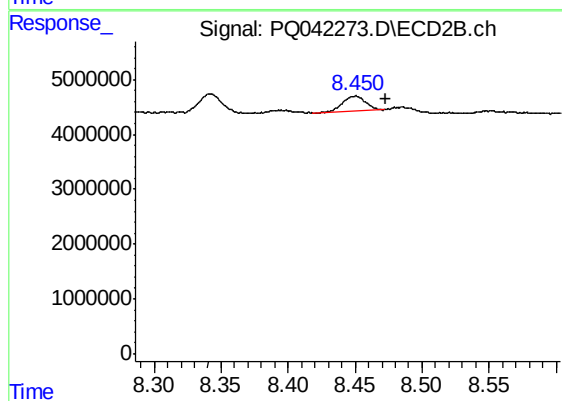
#29 AR-1254-4

R.T.: 8.004 min  
Delta R.T.: -0.006 min  
Response: 4525593  
Conc: 20.85 ng/ml



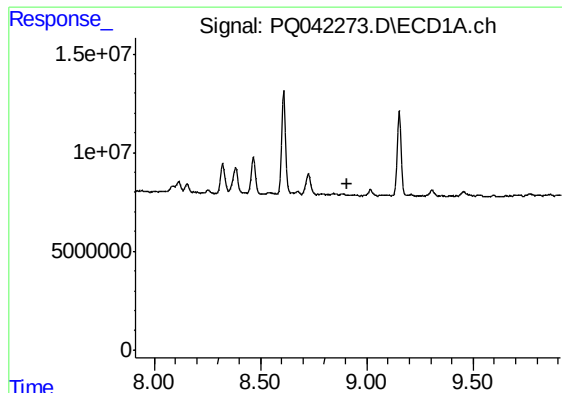
#30 AR-1254-5

R.T.: 9.456 min  
Delta R.T.: -0.005 min  
Response: 4233296  
Conc: 15.63 ng/ml



#30 AR-1254-5

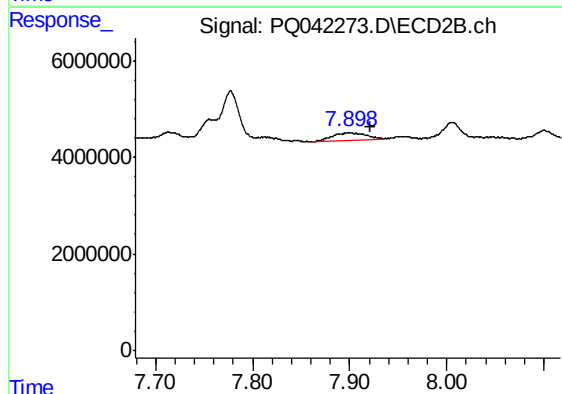
R.T.: 8.451 min  
Delta R.T.: -0.022 min  
Response: 3370308  
Conc: 11.21 ng/ml



#31 AR-1260-1

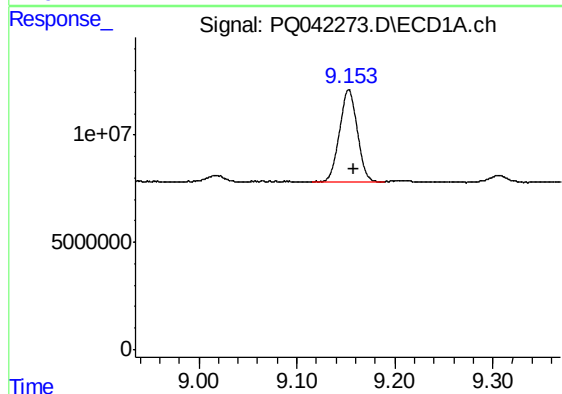
R.T.: 0.000 min  
Exp R.T.: 8.912 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



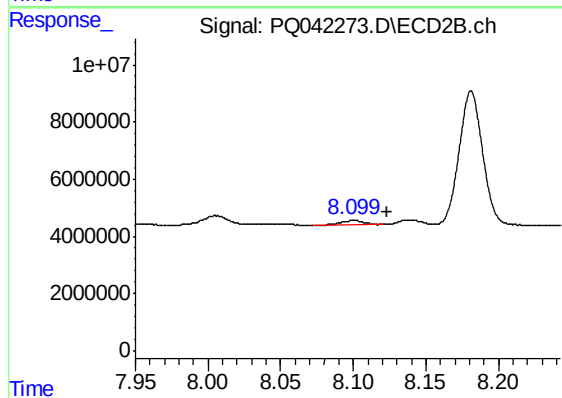
#31 AR-1260-1

R.T.: 7.899 min  
Delta R.T.: -0.022 min  
Response: 3764028  
Conc: 20.75 ng/ml



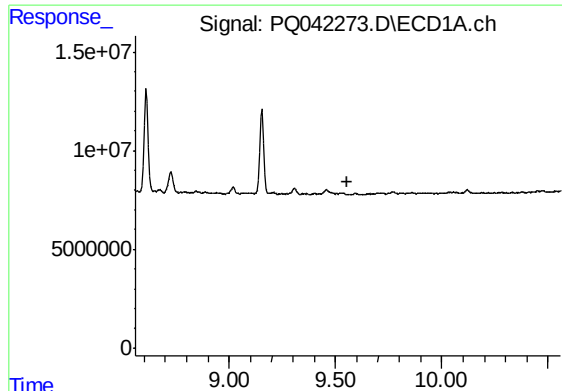
#32 AR-1260-2

R.T.: 9.153 min  
Delta R.T.: -0.005 min  
Response: 54308466  
Conc: 215.27 ng/ml



#32 AR-1260-2

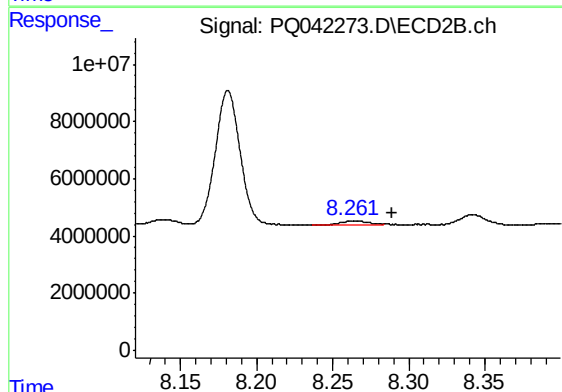
R.T.: 8.099 min  
Delta R.T.: -0.024 min  
Response: 1819380  
Conc: 7.42 ng/ml



#33 AR-1260-3

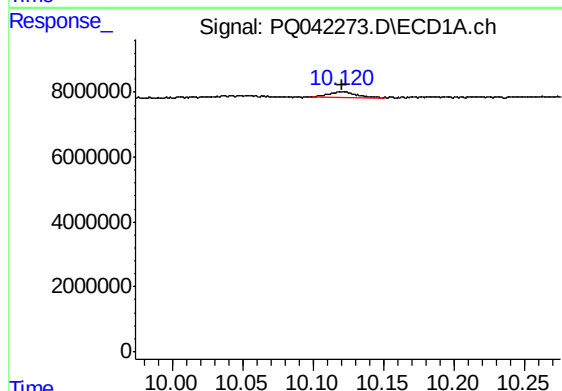
R.T.: 0.000 min  
Exp R.T.: 9.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



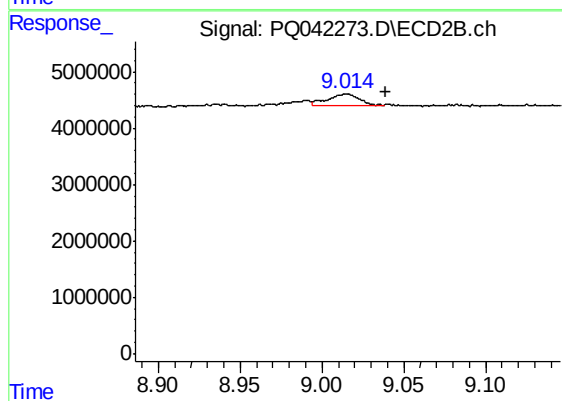
#33 AR-1260-3

R.T.: 8.262 min  
Delta R.T.: -0.027 min  
Response: 1864062  
Conc: 8.76 ng/ml



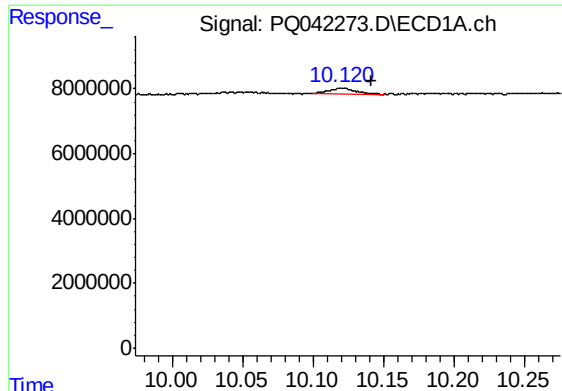
#35 AR-1260-5

R.T.: 10.121 min  
Delta R.T.: 0.000 min  
Response: 2554766  
Conc: 3.79 ng/ml



#35 AR-1260-5

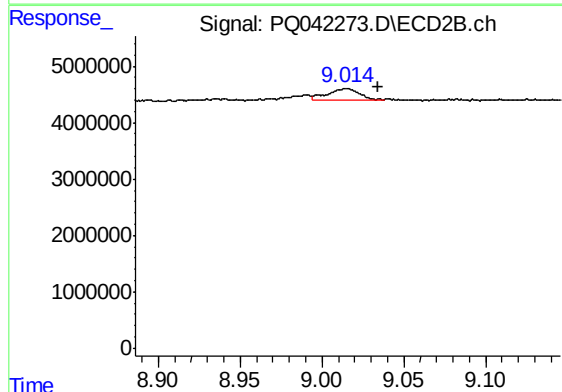
R.T.: 9.015 min  
Delta R.T.: -0.024 min  
Response: 2692989  
Conc: 4.56 ng/ml



#37 AR-1262-2

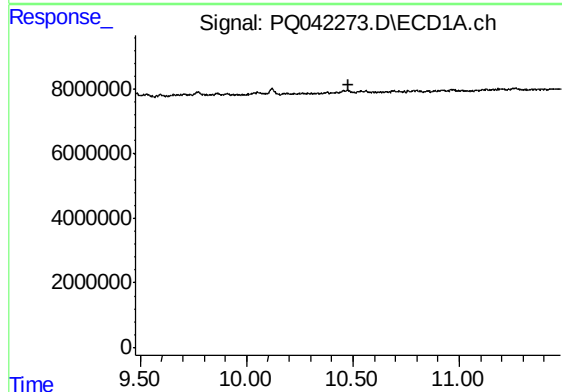
R.T.: 10.121 min  
Delta R.T.: -0.021 min  
Response: 2554766  
Conc: 2.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



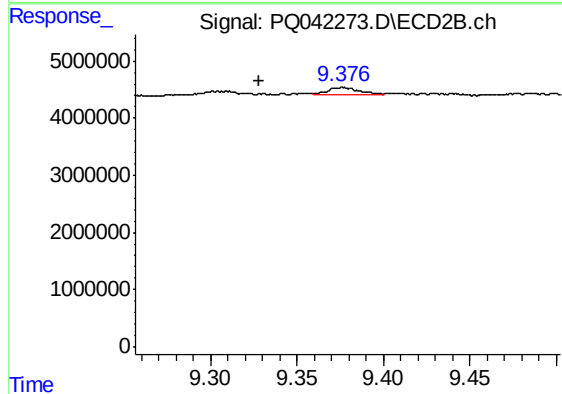
#37 AR-1262-2

R.T.: 9.015 min  
Delta R.T.: -0.020 min  
Response: 2692989  
Conc: 3.63 ng/ml



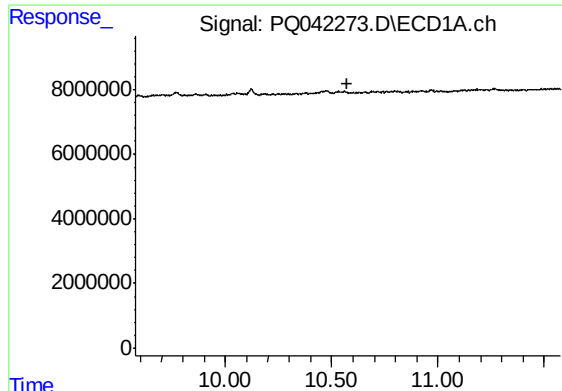
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 10.477 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

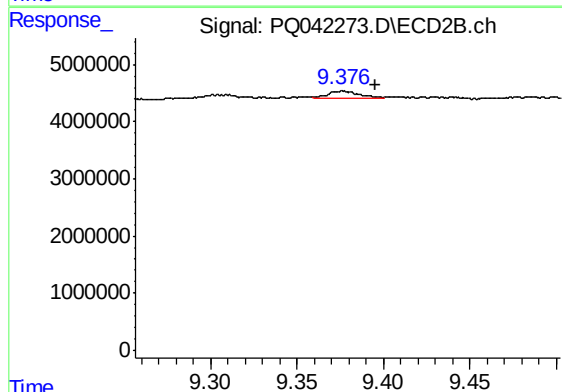
R.T.: 9.376 min  
Delta R.T.: 0.048 min  
Response: 1481189  
Conc: 4.68 ng/ml



#39 AR-1262-4

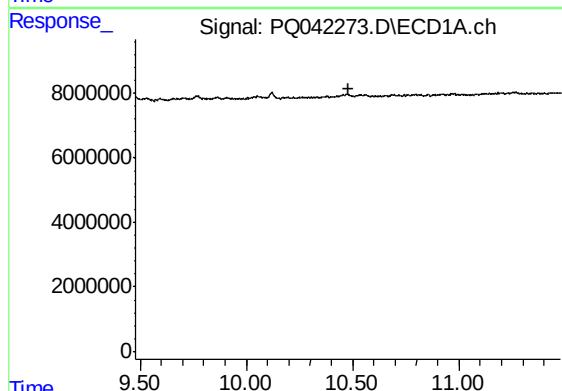
R.T.: 0.000 min  
Exp R.T. : 10.576 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



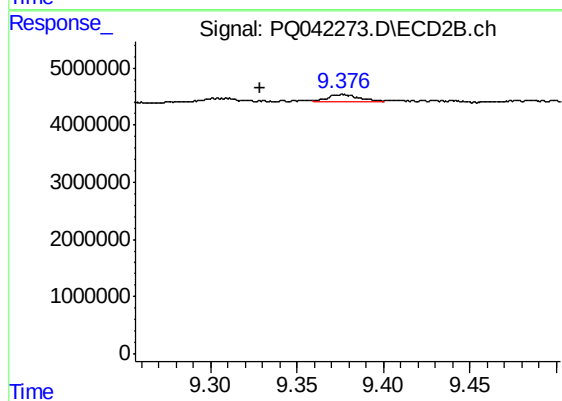
#39 AR-1262-4

R.T.: 9.376 min  
Delta R.T.: -0.019 min  
Response: 1481189  
Conc: 2.63 ng/ml



#41 AR-1268-1

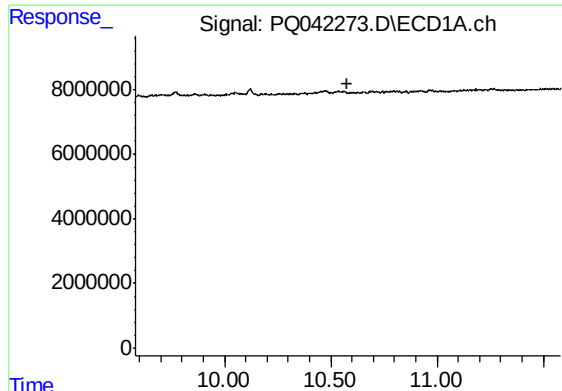
R.T.: 0.000 min  
Exp R.T. : 10.478 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

R.T.: 9.376 min  
Delta R.T.: 0.047 min  
Response: 1481189  
Conc: 1.30 ng/ml

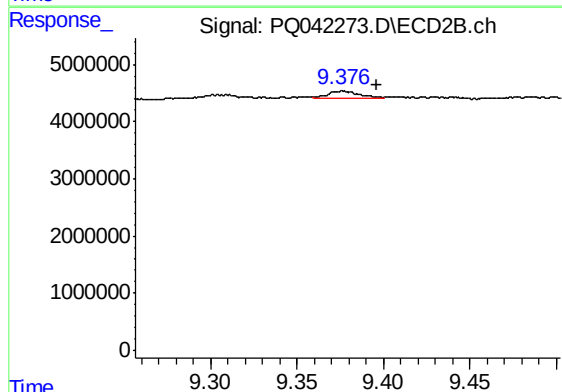




#42 AR-1268-2

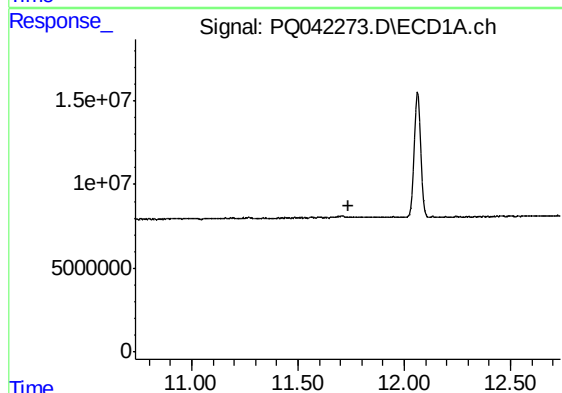
R.T.: 0.000 min  
Exp R.T. : 10.581 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETPA5



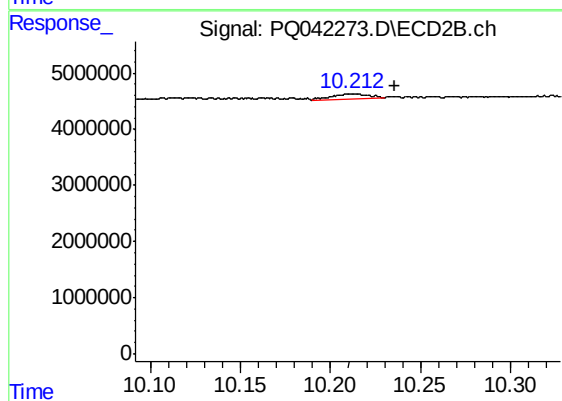
#42 AR-1268-2

R.T.: 9.376 min  
Delta R.T.: -0.020 min  
Response: 1481189  
Conc: 1.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 11.735 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.213 min  
Delta R.T.: -0.023 min  
Response: 1118512  
Conc: 0.43 ng/ml