

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ010319\  
 Data File : PQ036223.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2019 16:17  
 Operator : SM\SJ  
 Sample : K1022-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 201-PCB-24-ST-GLAZING-INNER

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 00:39:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ122918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Dec 31 04:01:58 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.398  | 3.726 | 85675264 | 44027100 | 16.742  | 15.668    |
| 2)                          | SA Decachlor... | 10.066 | 8.694 | 56145826 | 33717094 | 16.096  | 16.892    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.550  | 0.000 | 2417006  | 0        | 15.082  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.550  | 4.884 | 2417006  | 1134230  | 10.140  | 8.168     |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.051 | 0        | 397948   | N.D.    | 5.732 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.051 | 0        | 397948   | N.D.    | 7.212 #   |
| 7)                          | L1 AR-1016-5    | 6.029  | 5.268 | 2513060  | 1501466  | 22.916  | 20.995    |
| 12)                         | L3 AR-1232-2    | 5.282  | 4.884 | 1735910  | 1134230  | 38.379  | 20.115 #  |
| 13)                         | L3 AR-1232-3    | 5.550  | 5.051 | 2417006  | 397948   | 25.391  | 14.183 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.051 | 0        | 397948   | N.D.    | 15.960 #  |
| 15)                         | L3 AR-1232-5    | 5.828  | 5.268 | 3498580  | 1501466  | 103.553 | 56.148 #  |
| 16)                         | L4 AR-1242-1    | 5.550  | 0.000 | 2417006  | 0        | 18.447  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.550  | 4.884 | 2417006  | 1134230  | 12.464  | 10.092    |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.051 | 0        | 397948   | N.D.    | 6.876 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.051 | 0        | 397948   | N.D.    | 7.141 #   |
| 20)                         | L4 AR-1242-5    | 6.492  | 5.654 | 8171202  | 1812636  | 80.311  | 24.704 #  |
| 21)                         | L5 AR-1248-1    | 5.550  | 0.000 | 2417006  | 0        | 26.796  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.828  | 5.051 | 3498580  | 397948   | 28.137  | 5.552 #   |
| 23)                         | L5 AR-1248-3    | 6.029  | 5.051 | 2513060  | 397948   | 18.277  | 5.462 #   |
| 24)                         | L5 AR-1248-4    | 6.448  | 5.268 | 3176115  | 1501466  | 20.844  | 16.885    |
| 25)                         | L5 AR-1248-5    | 6.492  | 5.654 | 8171202  | 1812636  | 56.787  | 21.492 #  |
| 26)                         | L6 AR-1254-1    | 6.421  | 5.654 | 3384878  | 1812636  | 20.531  | 12.799 #  |
| 27)                         | L6 AR-1254-2    | 6.630  | 0.000 | 3196396  | 0        | 12.813  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.002  | 0.000 | 2687131  | 0        | 10.500  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.398 | 0        | 4362730  | N.D.    | 35.766 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.750 | 0        | 3444271  | N.D.    | 22.050 #  |
| 31)                         | L7 AR-1260-1    | 7.133  | 0.000 | 666966   | 0        | 3.348   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.385  | 6.398 | 7637909  | 4362730  | 32.375  | 27.408    |
| 33)                         | L7 AR-1260-3    | 7.791  | 0.000 | 6295880  | 0        | 45.707  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.989  | 7.101 | 3082602  | 3093121  | 18.255  | 31.982 #  |
| 36)                         | L8 AR-1262-1    | 7.791  | 6.851 | 6295880  | 17226845 | 26.425  | 104.111 # |
| 38)                         | L8 AR-1262-3    | 8.671  | 7.647 | 4027102  | 5145902  | 23.627  | 50.048 #  |
| 39)                         | L8 AR-1262-4    | 8.671  | 7.647 | 4027102  | 5145902  | 21.031  | 26.456 #  |
| 40)                         | L8 AR-1262-5    | 9.335  | 8.093 | 3282109  | 3069929  | 25.603  | 36.266 #  |
| 41)                         | L9 AR-1268-1    | 8.671  | 7.647 | 4027102  | 5145902  | 7.426   | 14.090 #  |
| 42)                         | L9 AR-1268-2    | 8.671  | 7.647 | 4027102  | 5145902  | 8.084   | 15.576 #  |
| 44)                         | L9 AR-1268-4    | 9.335  | 8.093 | 3282109  | 3069929  | 19.332  | 27.451 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.442 | 0        | 2703192  | N.D.    | 3.133 #   |
| -----                       |                 |        |       |          |          |         |           |

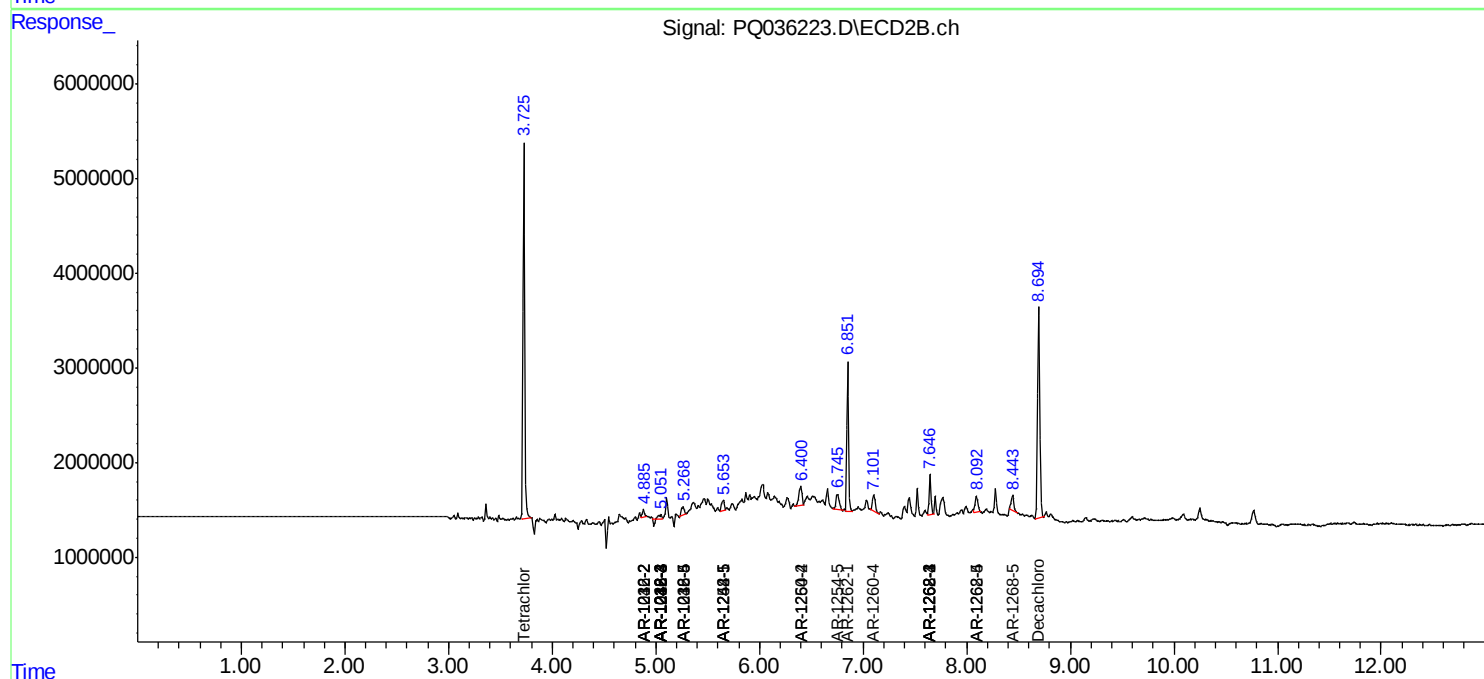
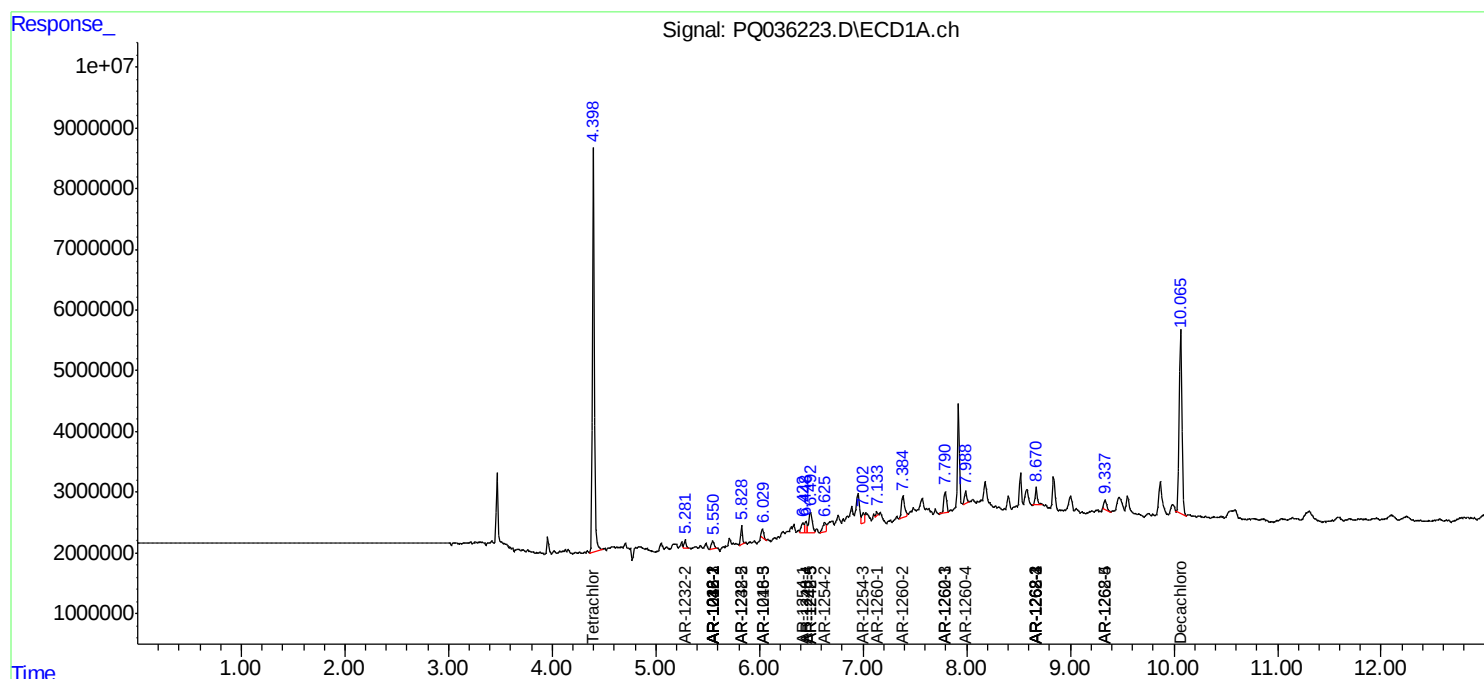
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

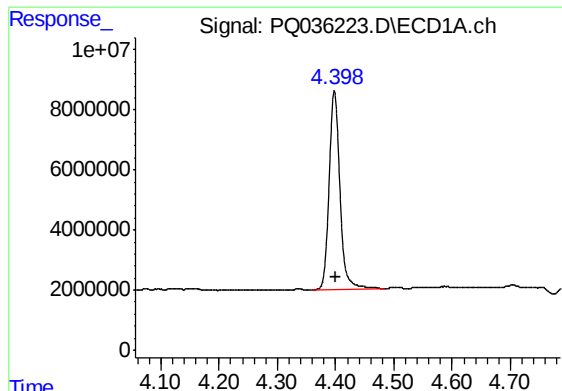
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ010319\  
Data File : PQ036223.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2019 16:17  
Operator : SM\SJ  
Sample : K1022-08  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 00:39:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ122918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Dec 31 04:01:58 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

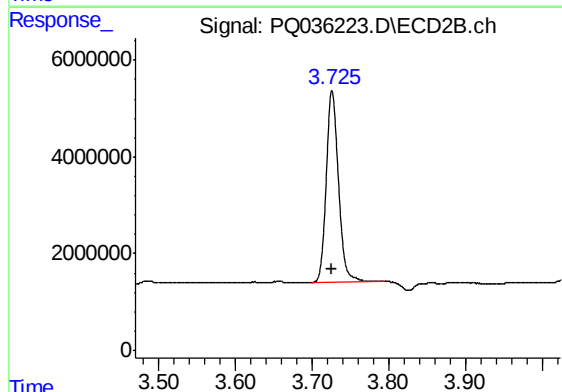




#1 Tetrachloro-m-xylene

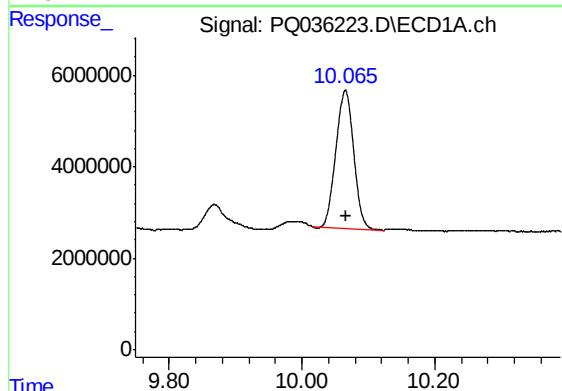
R.T.: 4.398 min  
Delta R.T.: -0.003 min  
Response: 85675264  
Conc: 16.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



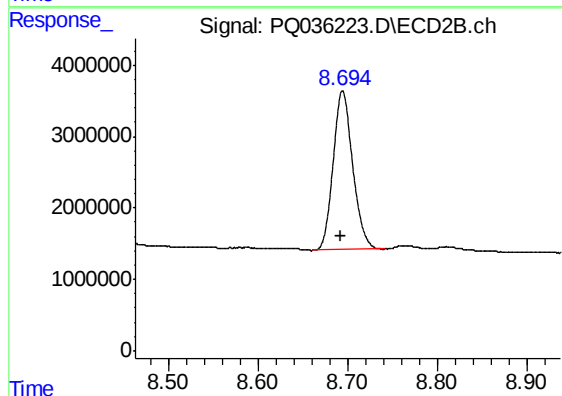
#1 Tetrachloro-m-xylene

R.T.: 3.726 min  
Delta R.T.: 0.000 min  
Response: 44027100  
Conc: 15.67 ng/ml



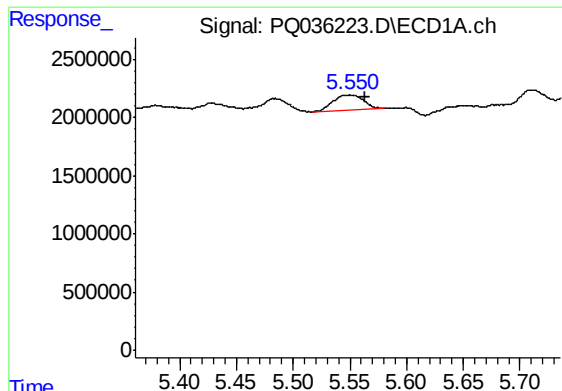
#2 Decachlorobiphenyl

R.T.: 10.066 min  
Delta R.T.: -0.001 min  
Response: 56145826  
Conc: 16.10 ng/ml



#2 Decachlorobiphenyl

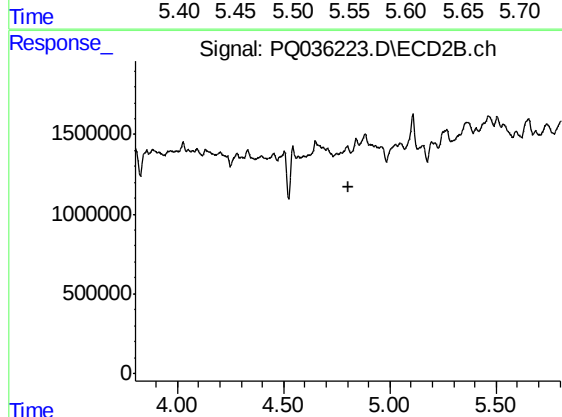
R.T.: 8.694 min  
Delta R.T.: 0.002 min  
Response: 33717094  
Conc: 16.89 ng/ml



#3 AR-1016-1

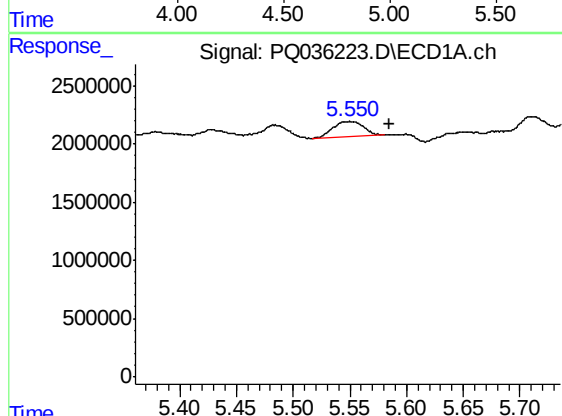
R.T.: 5.550 min  
Delta R.T.: -0.014 min  
Response: 2417006  
Conc: 15.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



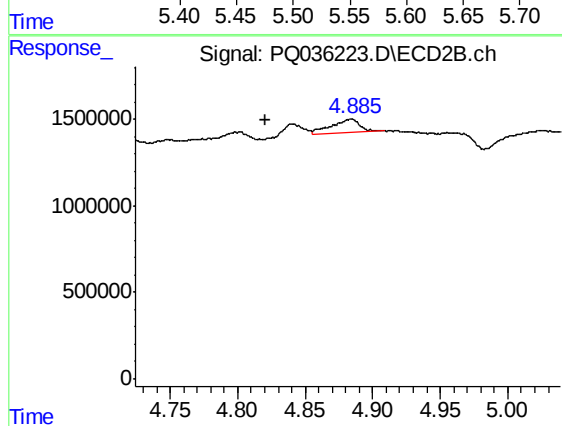
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.803 min  
Response: 0  
Conc: N.D.



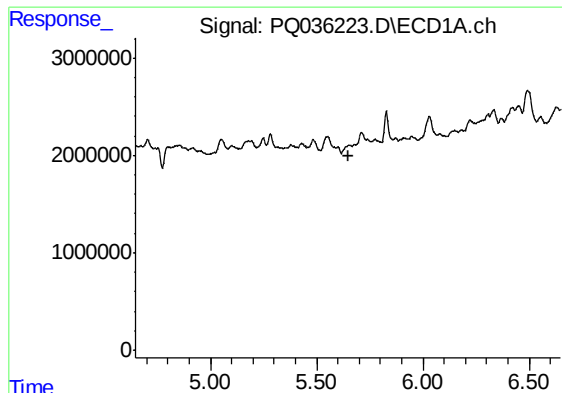
#4 AR-1016-2

R.T.: 5.550 min  
Delta R.T.: -0.036 min  
Response: 2417006  
Conc: 10.14 ng/ml



#4 AR-1016-2

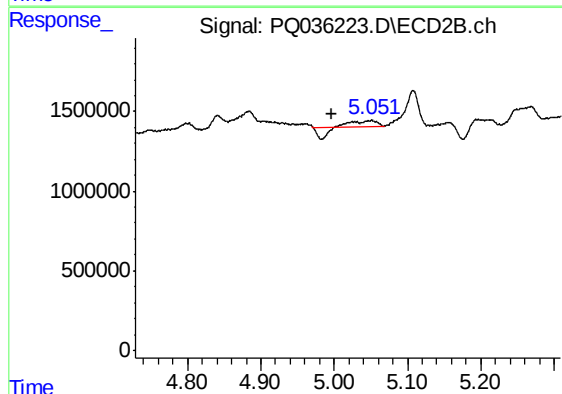
R.T.: 4.884 min  
Delta R.T.: 0.064 min  
Response: 1134230  
Conc: 8.17 ng/ml



#5 AR-1016-3

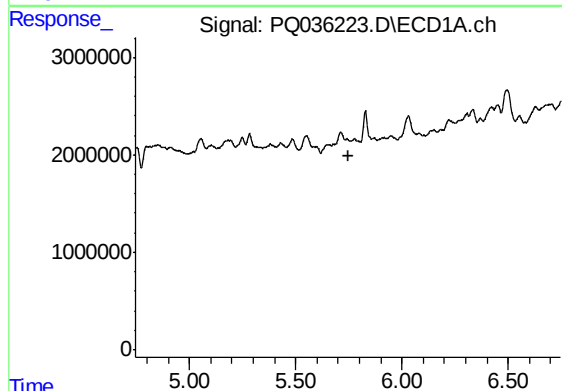
R.T.: 0.000 min  
Exp R.T. : 5.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



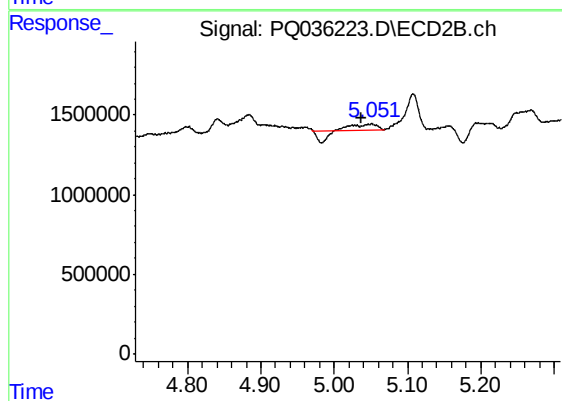
#5 AR-1016-3

R.T.: 5.051 min  
Delta R.T.: 0.054 min  
Response: 397948  
Conc: 5.73 ng/ml



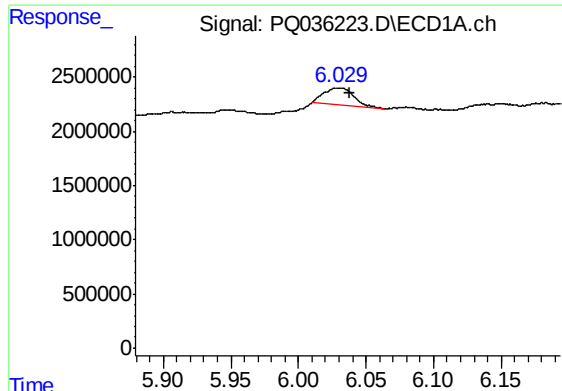
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.746 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

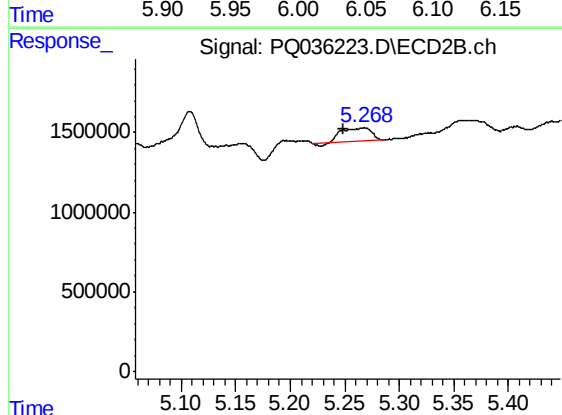
R.T.: 5.051 min  
Delta R.T.: 0.015 min  
Response: 397948  
Conc: 7.21 ng/ml



#7 AR-1016-5

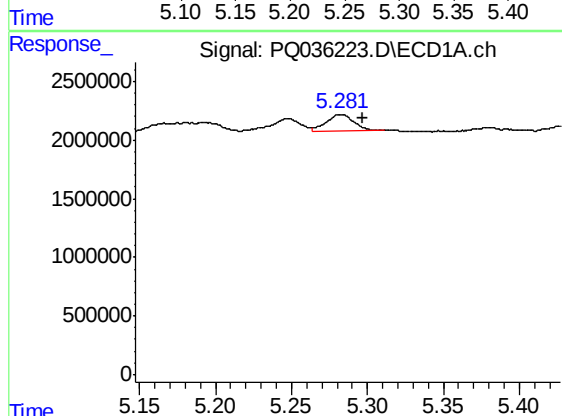
R.T.: 6.029 min  
Delta R.T.: -0.009 min  
Response: 2513060  
Conc: 22.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



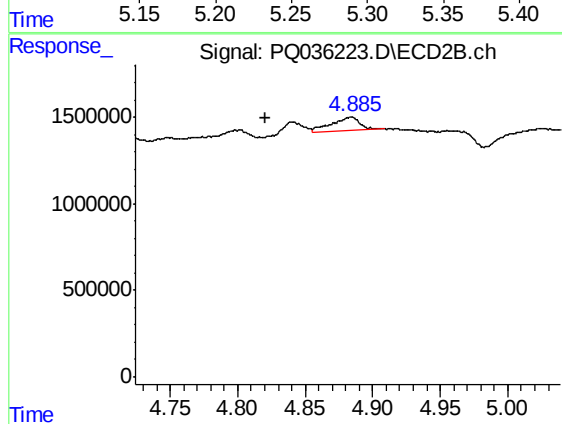
#7 AR-1016-5

R.T.: 5.268 min  
Delta R.T.: 0.019 min  
Response: 1501466  
Conc: 21.00 ng/ml



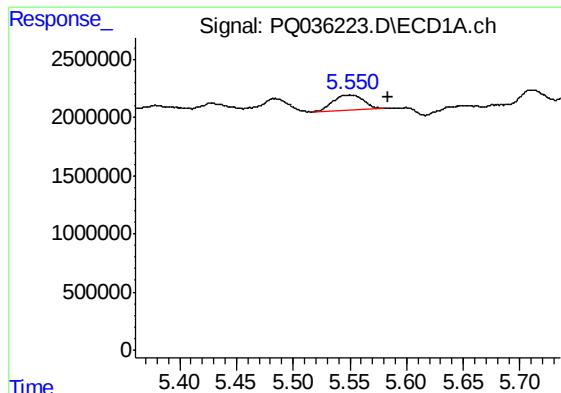
#12 AR-1232-2

R.T.: 5.282 min  
Delta R.T.: -0.014 min  
Response: 1735910  
Conc: 38.38 ng/ml



#12 AR-1232-2

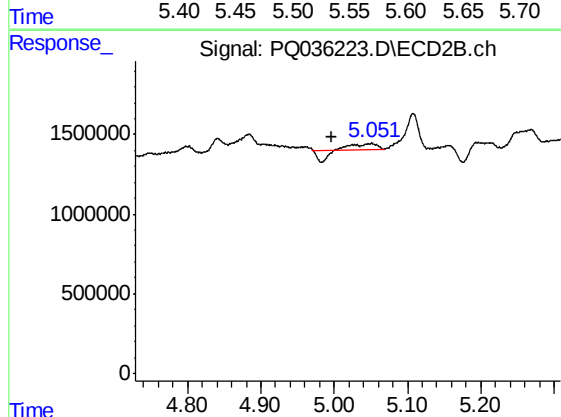
R.T.: 4.884 min  
Delta R.T.: 0.064 min  
Response: 1134230  
Conc: 20.11 ng/ml



#13 AR-1232-3

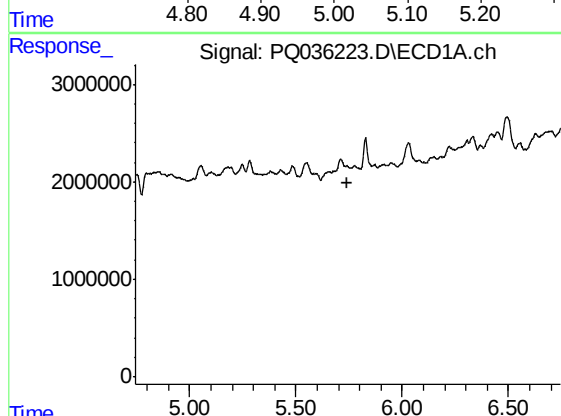
R.T.: 5.550 min  
Delta R.T.: -0.034 min  
Response: 2417006  
Conc: 25.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



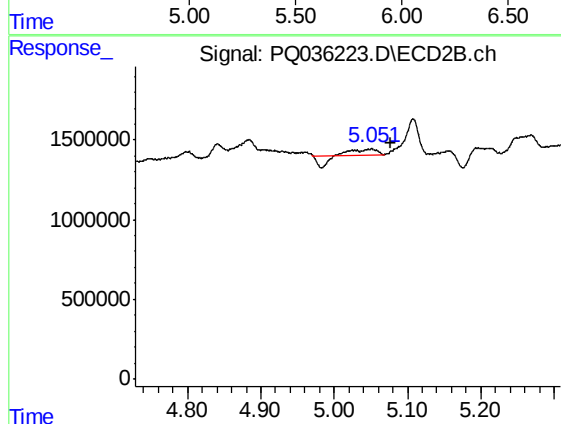
#13 AR-1232-3

R.T.: 5.051 min  
Delta R.T.: 0.055 min  
Response: 397948  
Conc: 14.18 ng/ml



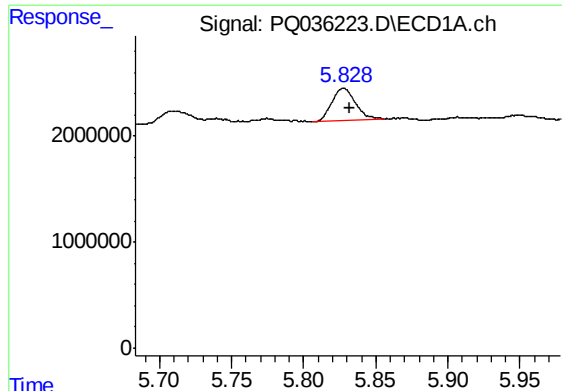
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.745 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

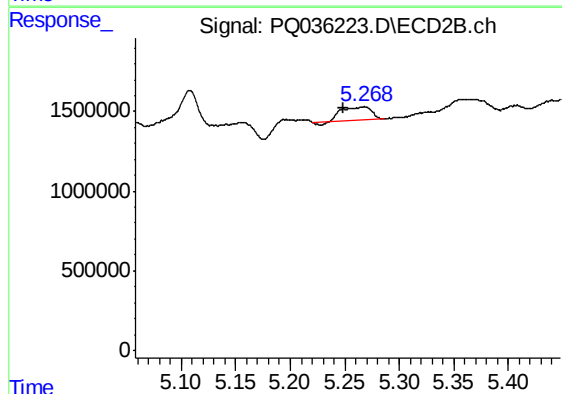
R.T.: 5.051 min  
Delta R.T.: -0.025 min  
Response: 397948  
Conc: 15.96 ng/ml



#15 AR-1232-5

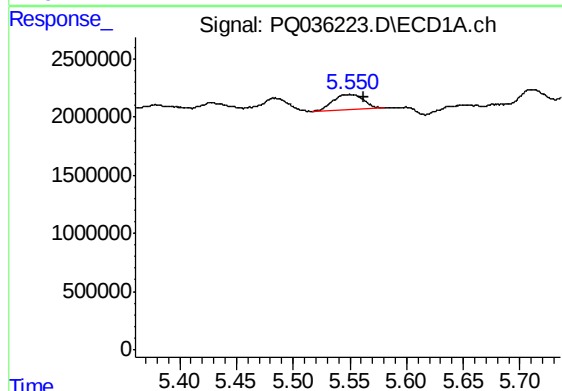
R.T.: 5.828 min  
Delta R.T.: -0.004 min  
Response: 3498580  
Conc: 103.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



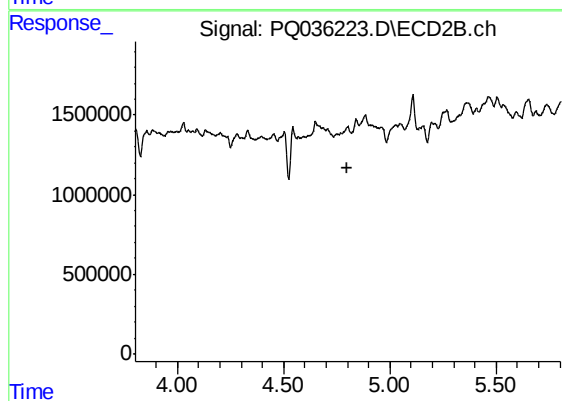
#15 AR-1232-5

R.T.: 5.268 min  
Delta R.T.: 0.019 min  
Response: 1501466  
Conc: 56.15 ng/ml



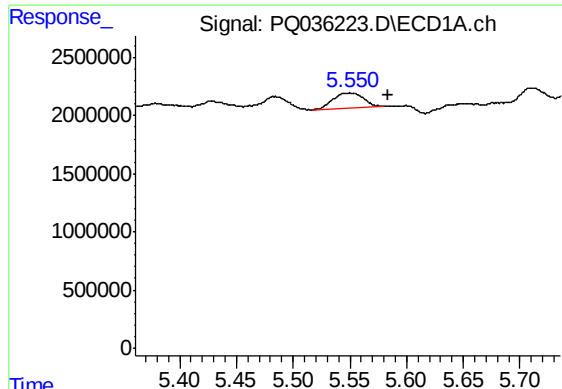
#16 AR-1242-1

R.T.: 5.550 min  
Delta R.T.: -0.013 min  
Response: 2417006  
Conc: 18.45 ng/ml



#16 AR-1242-1

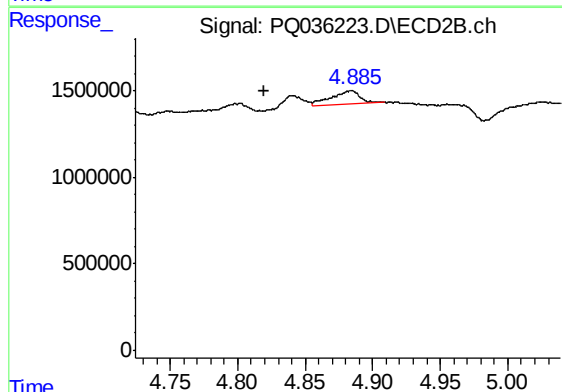
R.T.: 0.000 min  
Exp R.T. : 4.802 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

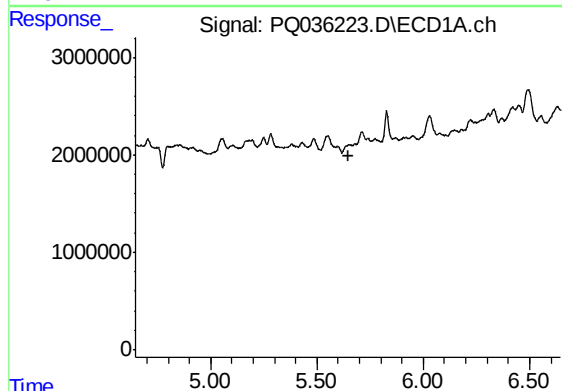
R.T.: 5.550 min  
Delta R.T.: -0.035 min  
Response: 2417006  
Conc: 12.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



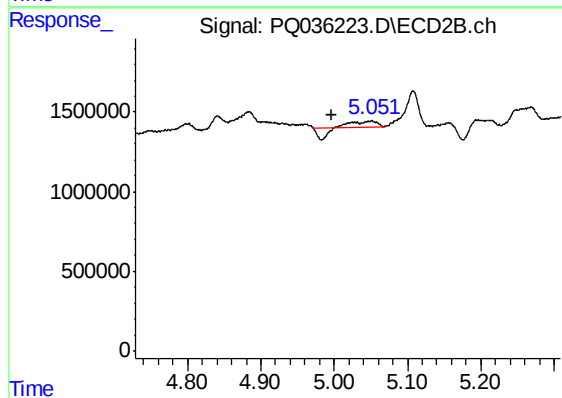
#17 AR-1242-2

R.T.: 4.884 min  
Delta R.T.: 0.064 min  
Response: 1134230  
Conc: 10.09 ng/ml



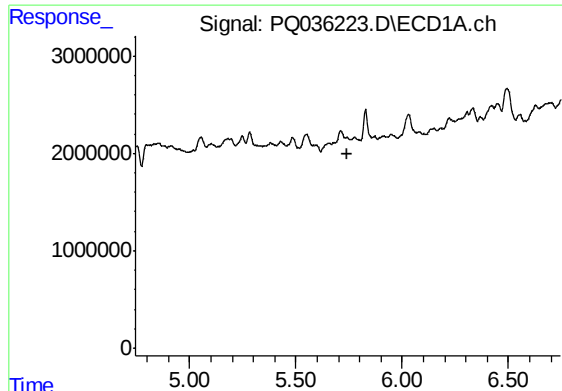
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.646 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

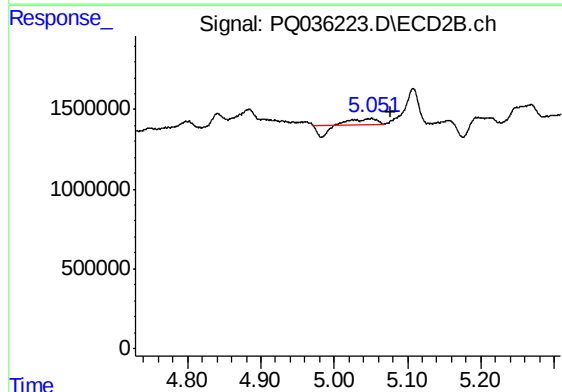
R.T.: 5.051 min  
Delta R.T.: 0.055 min  
Response: 397948  
Conc: 6.88 ng/ml



#19 AR-1242-4

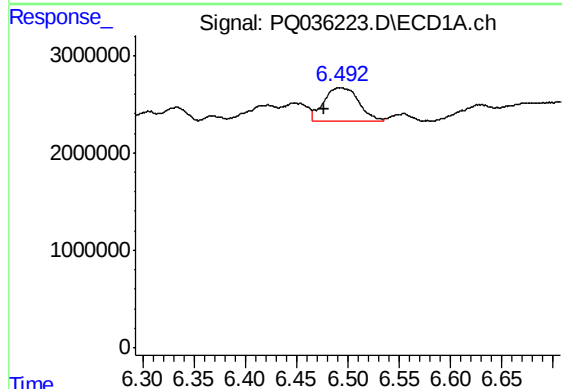
R.T.: 0.000 min  
Exp R.T.: 5.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



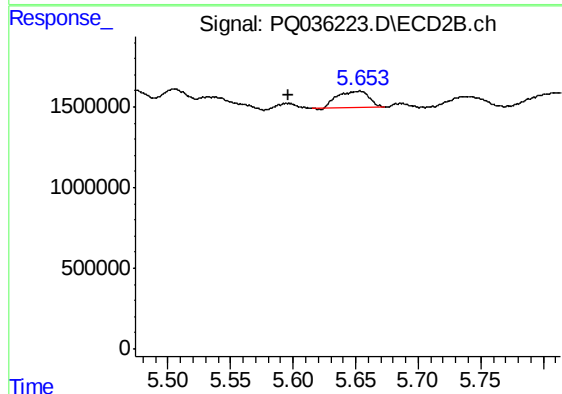
#19 AR-1242-4

R.T.: 5.051 min  
Delta R.T.: -0.026 min  
Response: 397948  
Conc: 7.14 ng/ml



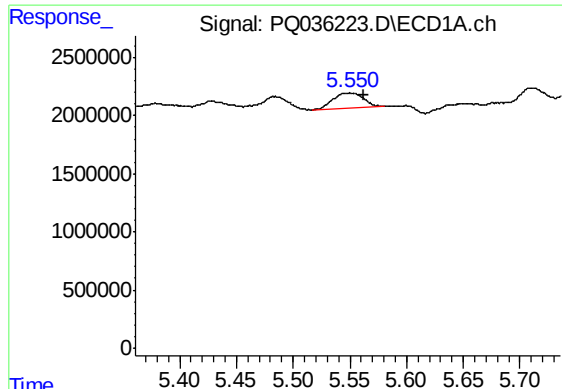
#20 AR-1242-5

R.T.: 6.492 min  
Delta R.T.: 0.015 min  
Response: 8171202  
Conc: 80.31 ng/ml



#20 AR-1242-5

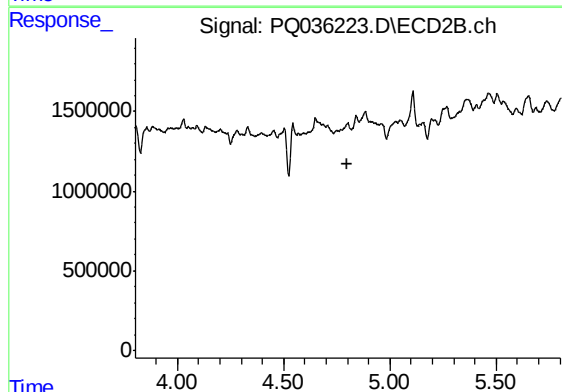
R.T.: 5.654 min  
Delta R.T.: 0.057 min  
Response: 1812636  
Conc: 24.70 ng/ml



#21 AR-1248-1

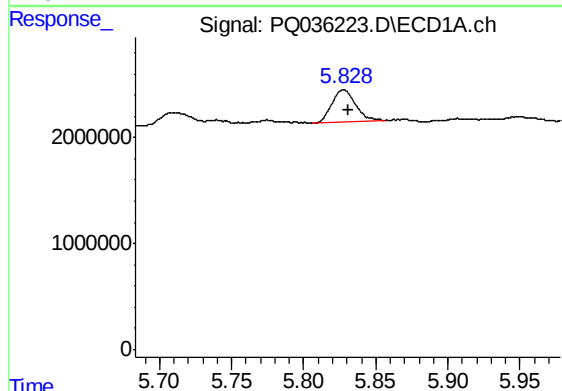
R.T.: 5.550 min  
Delta R.T.: -0.012 min  
Response: 2417006  
Conc: 26.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



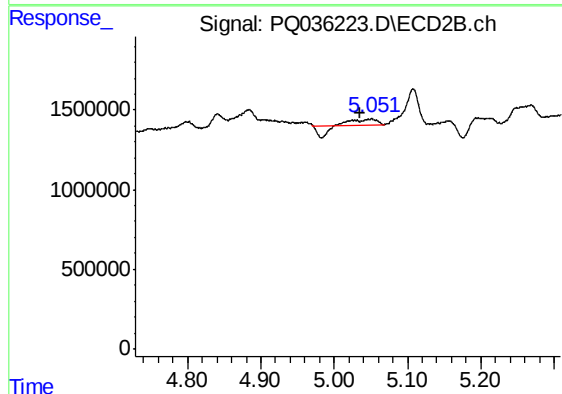
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.803 min  
Response: 0  
Conc: N.D.



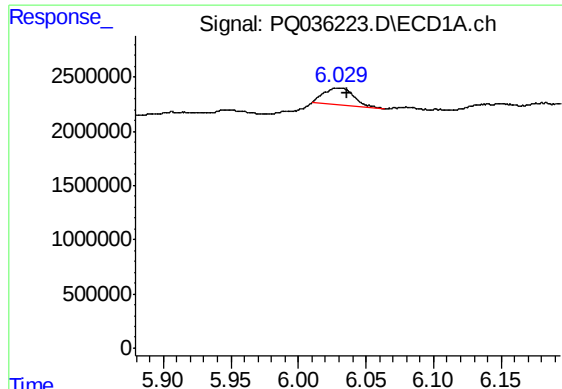
#22 AR-1248-2

R.T.: 5.828 min  
Delta R.T.: -0.004 min  
Response: 3498580  
Conc: 28.14 ng/ml



#22 AR-1248-2

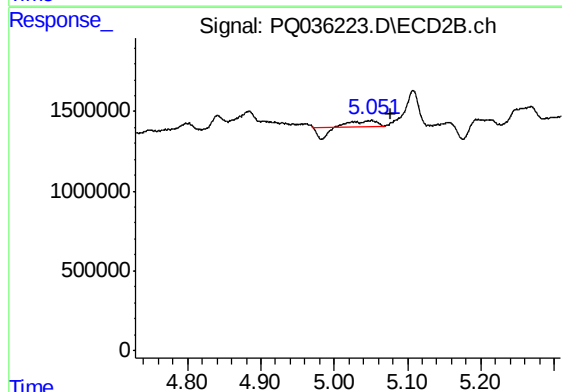
R.T.: 5.051 min  
Delta R.T.: 0.015 min  
Response: 397948  
Conc: 5.55 ng/ml



#23 AR-1248-3

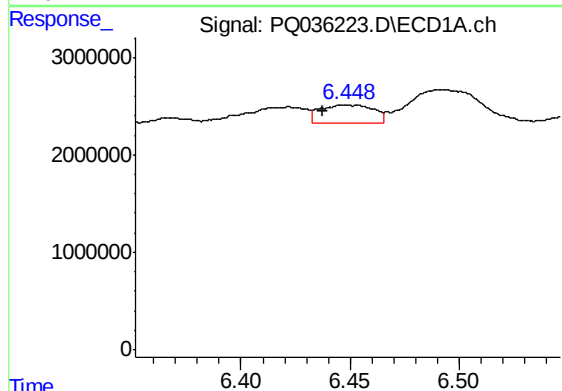
R.T.: 6.029 min  
Delta R.T.: -0.007 min  
Response: 2513060  
Conc: 18.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



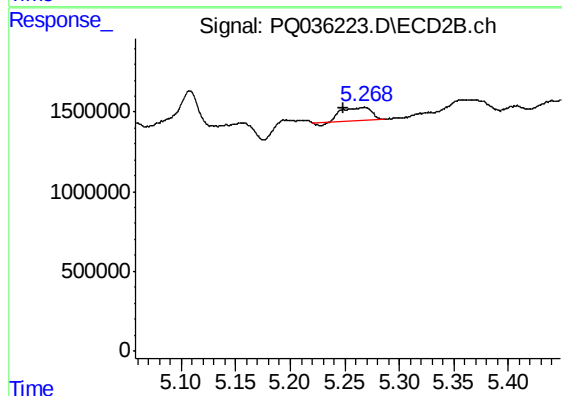
#23 AR-1248-3

R.T.: 5.051 min  
Delta R.T.: -0.025 min  
Response: 397948  
Conc: 5.46 ng/ml



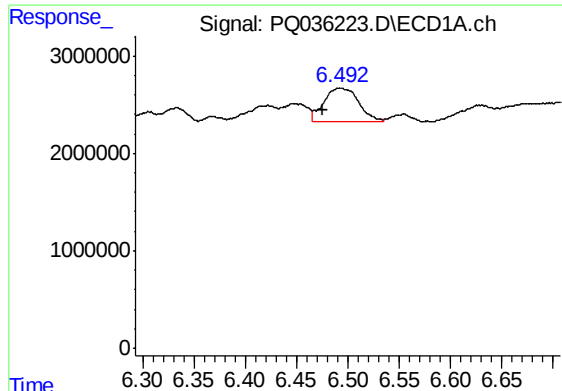
#24 AR-1248-4

R.T.: 6.448 min  
Delta R.T.: 0.011 min  
Response: 3176115  
Conc: 20.84 ng/ml



#24 AR-1248-4

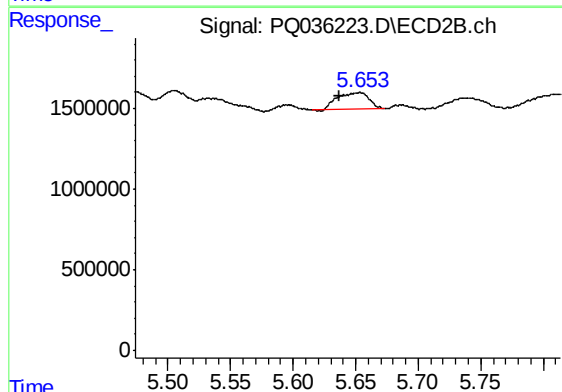
R.T.: 5.268 min  
Delta R.T.: 0.019 min  
Response: 1501466  
Conc: 16.89 ng/ml



#25 AR-1248-5

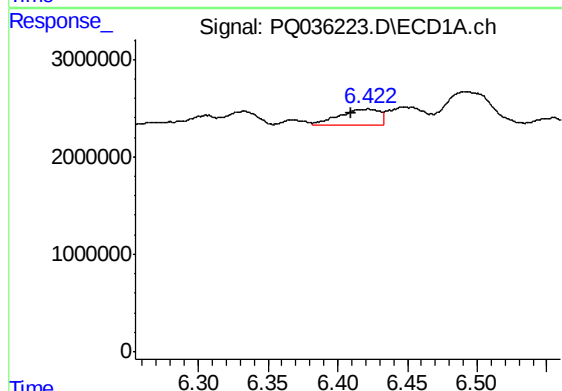
R.T.: 6.492 min  
Delta R.T.: 0.016 min  
Response: 8171202  
Conc: 56.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



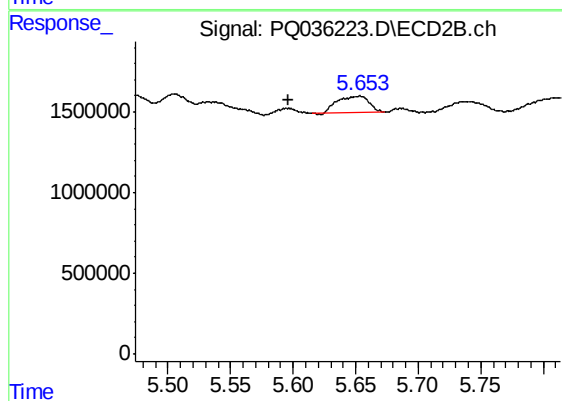
#25 AR-1248-5

R.T.: 5.654 min  
Delta R.T.: 0.017 min  
Response: 1812636  
Conc: 21.49 ng/ml



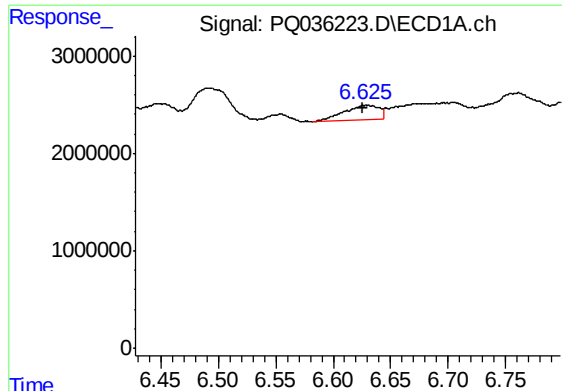
#26 AR-1254-1

R.T.: 6.421 min  
Delta R.T.: 0.012 min  
Response: 3384878  
Conc: 20.53 ng/ml



#26 AR-1254-1

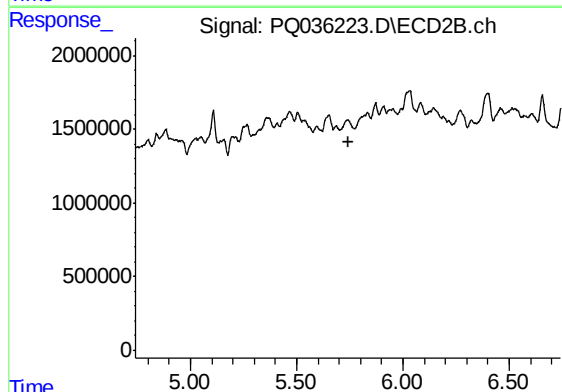
R.T.: 5.654 min  
Delta R.T.: 0.057 min  
Response: 1812636  
Conc: 12.80 ng/ml



#27 AR-1254-2

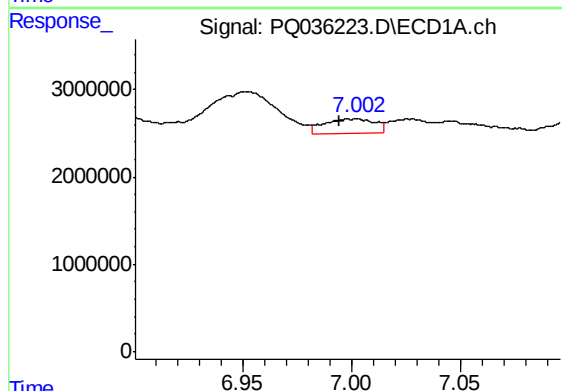
R.T.: 6.630 min  
Delta R.T.: 0.004 min  
Response: 3196396  
Conc: 12.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



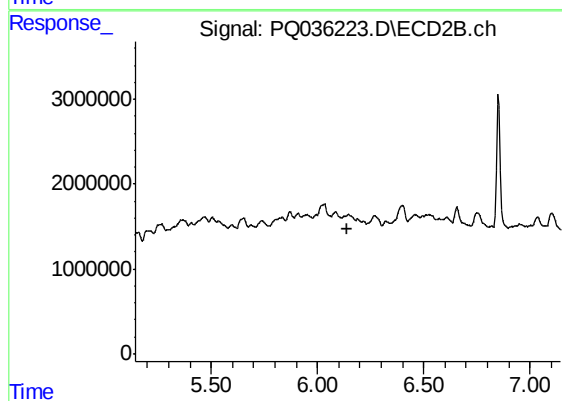
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.742 min  
Response: 0  
Conc: N.D.



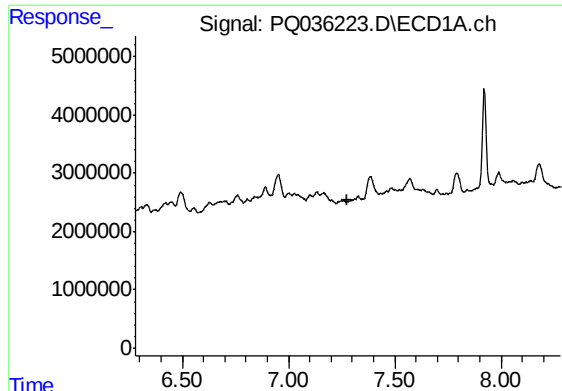
#28 AR-1254-3

R.T.: 7.002 min  
Delta R.T.: 0.007 min  
Response: 2687131  
Conc: 10.50 ng/ml



#28 AR-1254-3

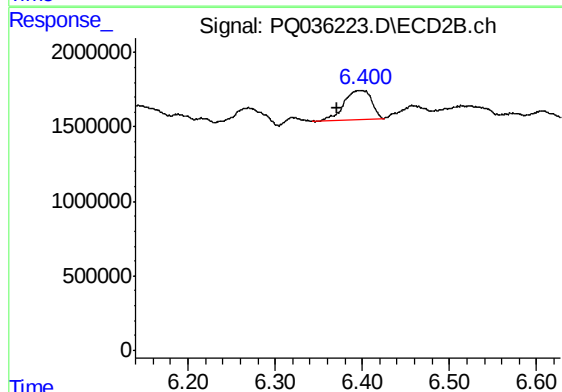
R.T.: 0.000 min  
Exp R.T. : 6.143 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

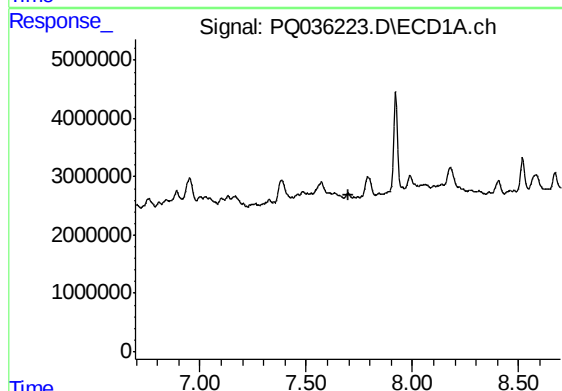
R.T.: 0.000 min  
Exp R.T.: 7.280 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



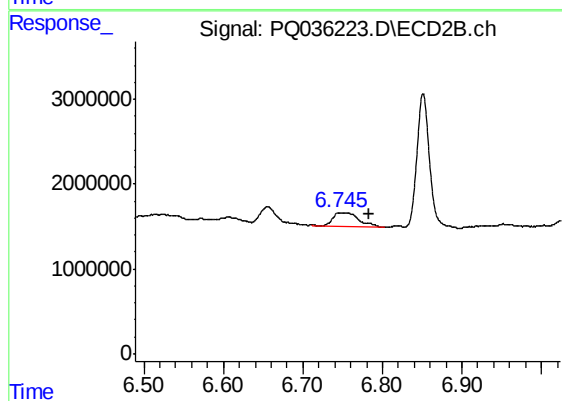
#29 AR-1254-4

R.T.: 6.398 min  
Delta R.T.: 0.027 min  
Response: 4362730  
Conc: 35.77 ng/ml



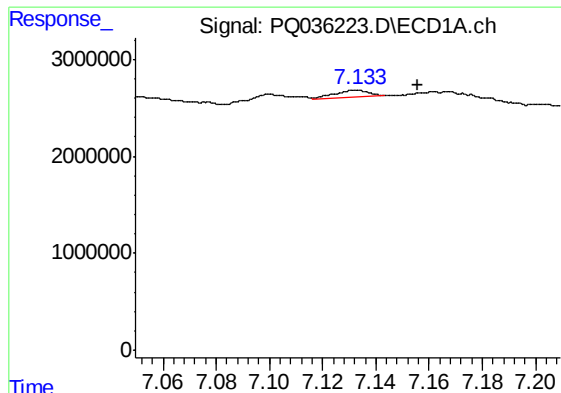
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.697 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

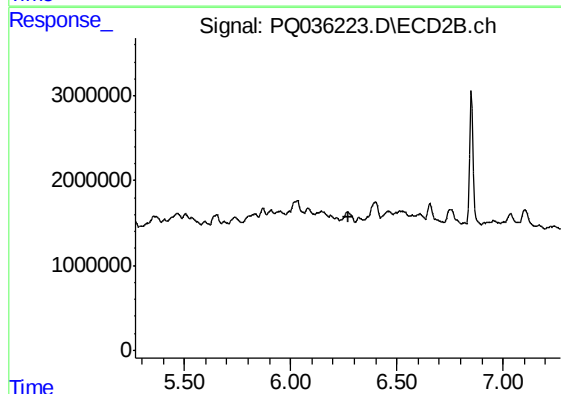
R.T.: 6.750 min  
Delta R.T.: -0.033 min  
Response: 3444271  
Conc: 22.05 ng/ml



#31 AR-1260-1

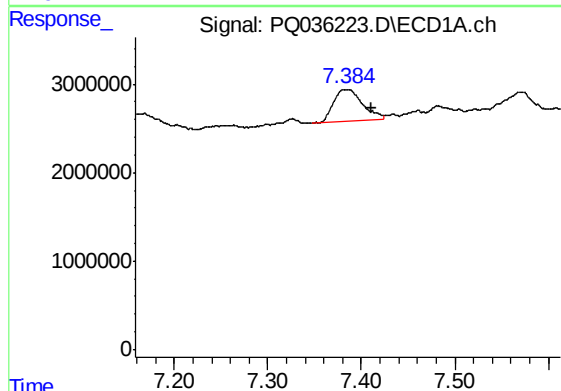
R.T.: 7.133 min  
Delta R.T.: -0.023 min  
Response: 666966  
Conc: 3.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



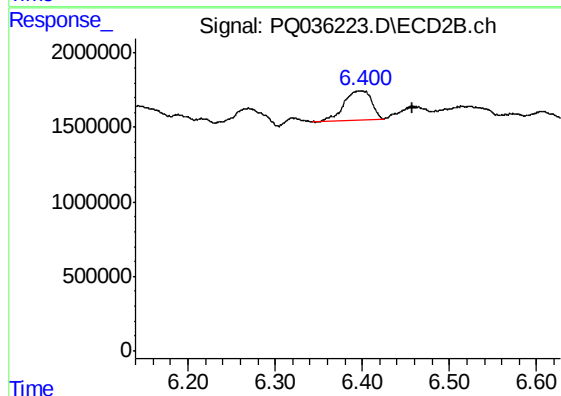
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.271 min  
Response: 0  
Conc: N.D.



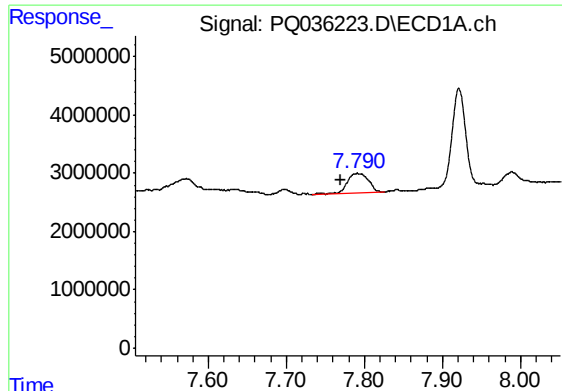
#32 AR-1260-2

R.T.: 7.385 min  
Delta R.T.: -0.026 min  
Response: 7637909  
Conc: 32.37 ng/ml



#32 AR-1260-2

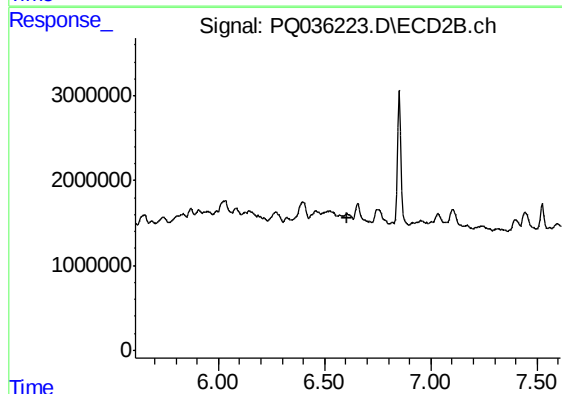
R.T.: 6.398 min  
Delta R.T.: -0.060 min  
Response: 4362730  
Conc: 27.41 ng/ml



#33 AR-1260-3

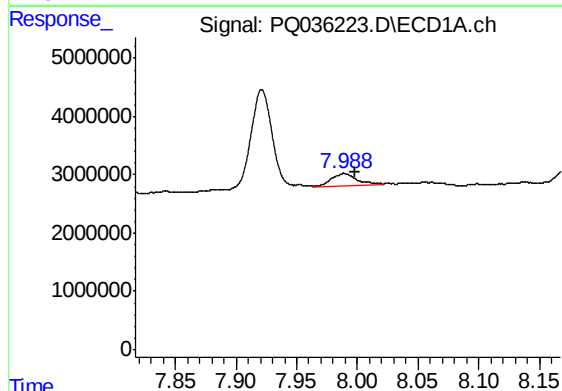
R.T.: 7.791 min  
Delta R.T.: 0.022 min  
Response: 6295880  
Conc: 45.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



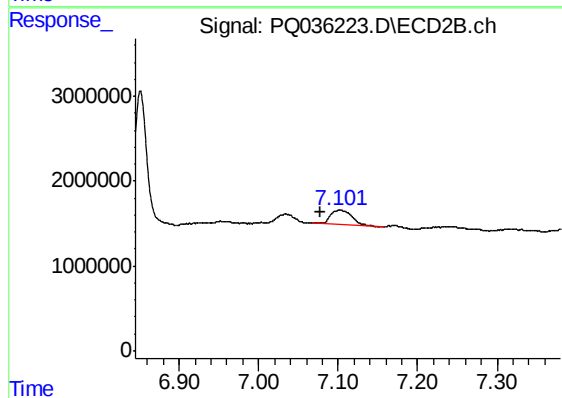
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.610 min  
Response: 0  
Conc: N.D.



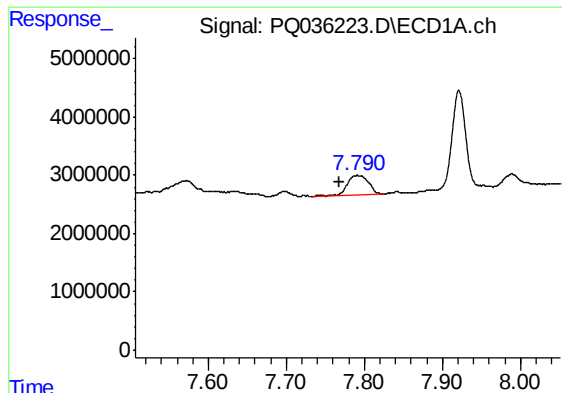
#34 AR-1260-4

R.T.: 7.989 min  
Delta R.T.: -0.009 min  
Response: 3082602  
Conc: 18.26 ng/ml



#34 AR-1260-4

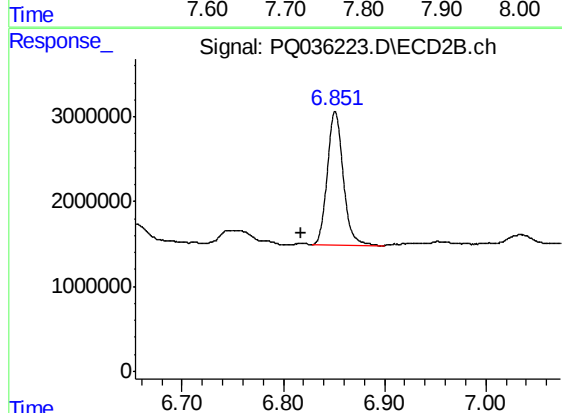
R.T.: 7.101 min  
Delta R.T.: 0.024 min  
Response: 3093121  
Conc: 31.98 ng/ml



#36 AR-1262-1

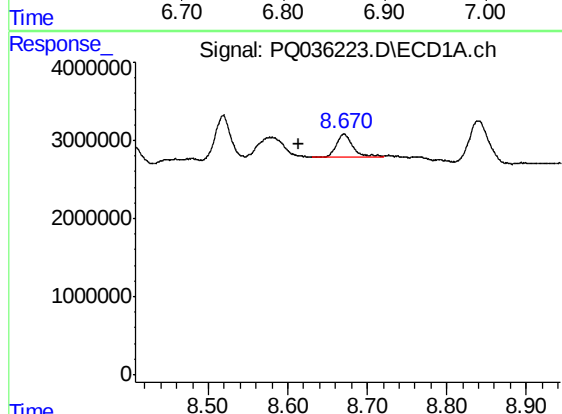
R.T.: 7.791 min  
Delta R.T.: 0.023 min  
Response: 6295880  
Conc: 26.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



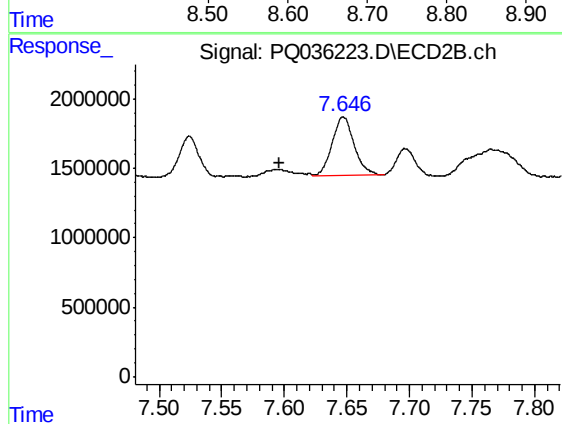
#36 AR-1262-1

R.T.: 6.851 min  
Delta R.T.: 0.034 min  
Response: 17226845  
Conc: 104.11 ng/ml



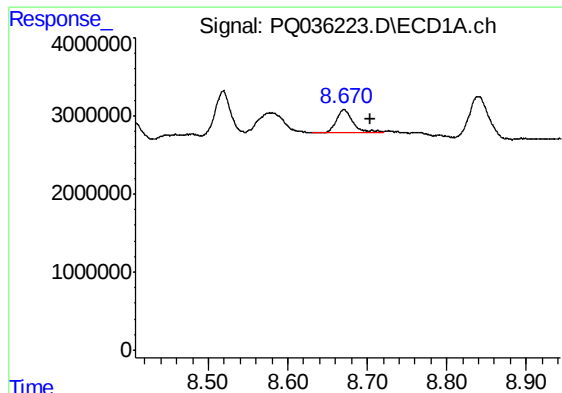
#38 AR-1262-3

R.T.: 8.671 min  
Delta R.T.: 0.056 min  
Response: 4027102  
Conc: 23.63 ng/ml



#38 AR-1262-3

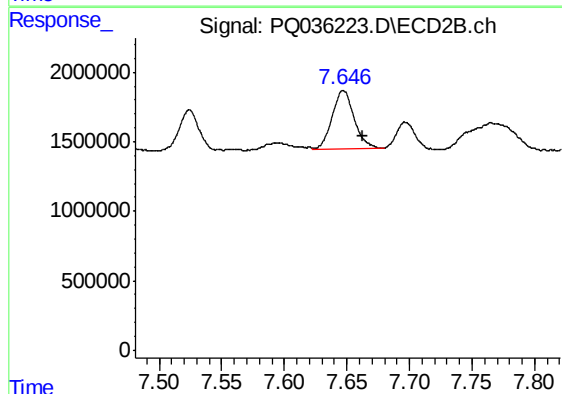
R.T.: 7.647 min  
Delta R.T.: 0.051 min  
Response: 5145902  
Conc: 50.05 ng/ml



#39 AR-1262-4

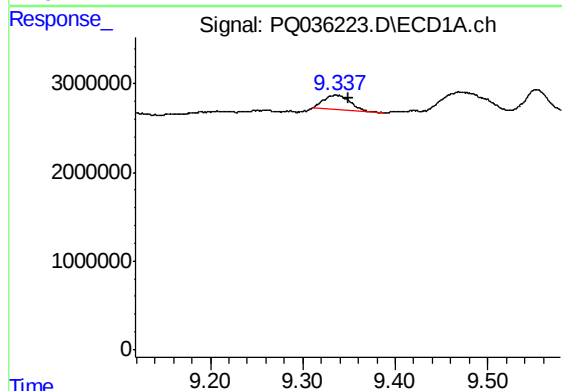
R.T.: 8.671 min  
Delta R.T.: -0.033 min  
Response: 4027102  
Conc: 21.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



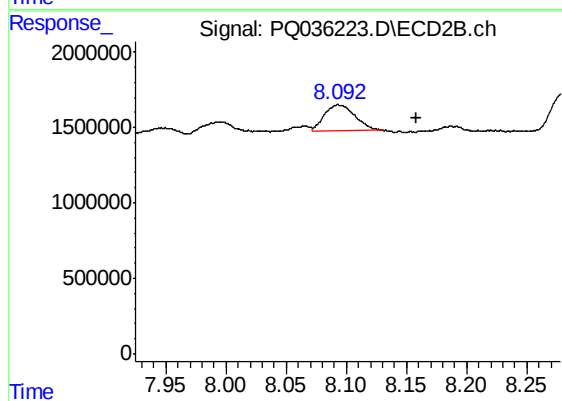
#39 AR-1262-4

R.T.: 7.647 min  
Delta R.T.: -0.015 min  
Response: 5145902  
Conc: 26.46 ng/ml



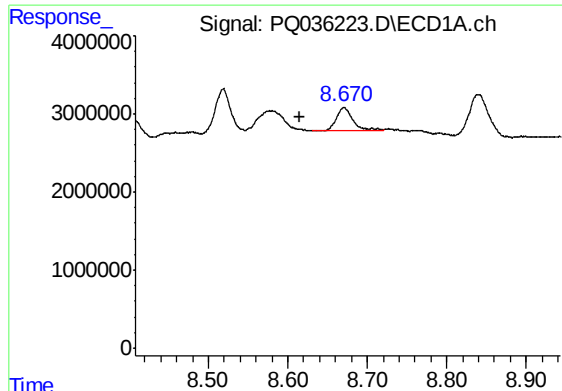
#40 AR-1262-5

R.T.: 9.335 min  
Delta R.T.: -0.015 min  
Response: 3282109  
Conc: 25.60 ng/ml



#40 AR-1262-5

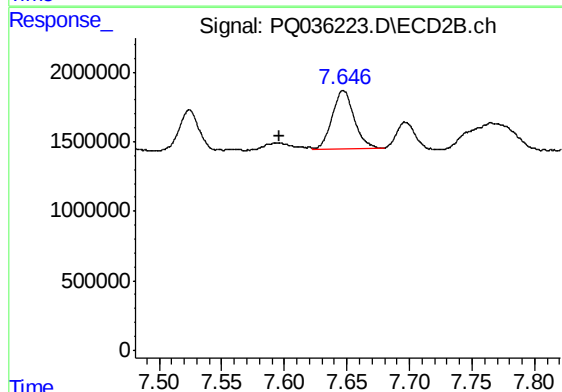
R.T.: 8.093 min  
Delta R.T.: -0.065 min  
Response: 3069929  
Conc: 36.27 ng/ml



#41 AR-1268-1

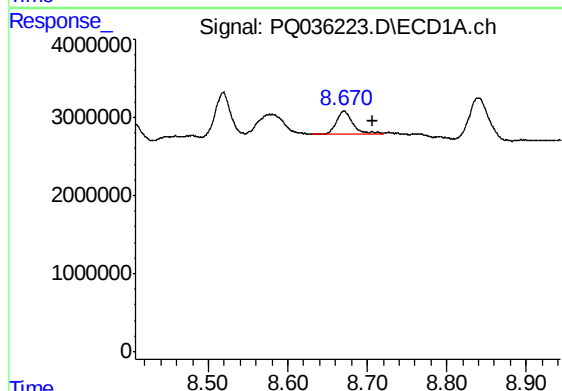
R.T.: 8.671 min  
Delta R.T.: 0.056 min  
Response: 4027102  
Conc: 7.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



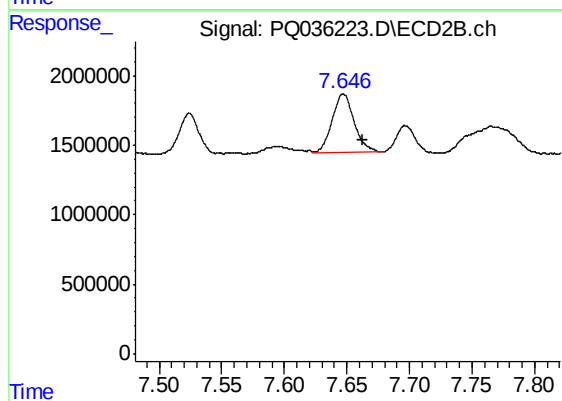
#41 AR-1268-1

R.T.: 7.647 min  
Delta R.T.: 0.051 min  
Response: 5145902  
Conc: 14.09 ng/ml



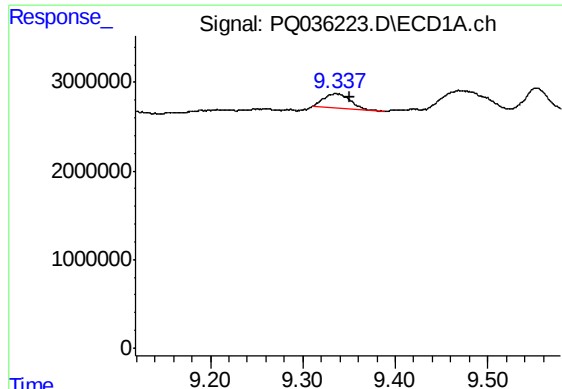
#42 AR-1268-2

R.T.: 8.671 min  
Delta R.T.: -0.037 min  
Response: 4027102  
Conc: 8.08 ng/ml



#42 AR-1268-2

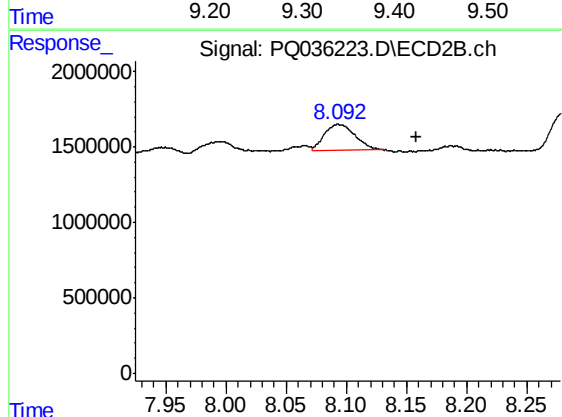
R.T.: 7.647 min  
Delta R.T.: -0.016 min  
Response: 5145902  
Conc: 15.58 ng/ml



#44 AR-1268-4

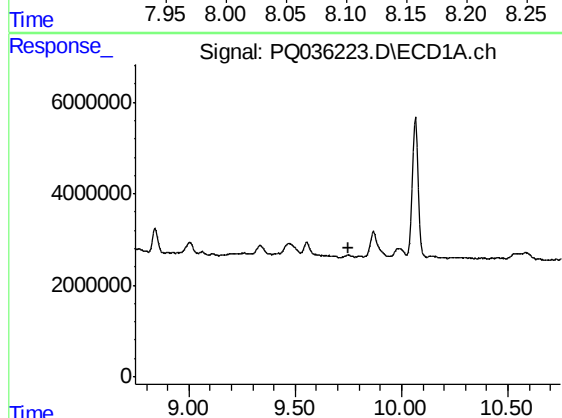
R.T.: 9.335 min  
Delta R.T.: -0.015 min  
Response: 3282109  
Conc: 19.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
201-PCB-24-ST-GLAZING-INNER



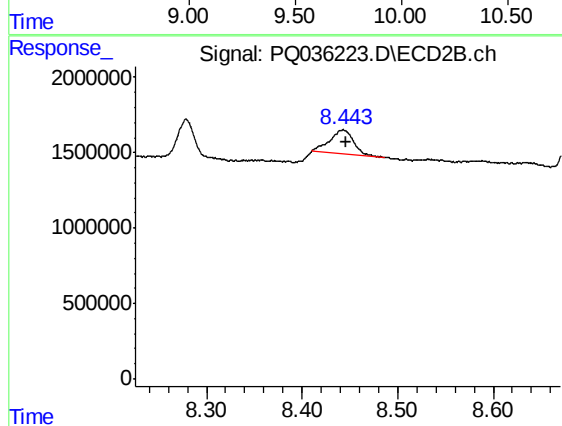
#44 AR-1268-4

R.T.: 8.093 min  
Delta R.T.: -0.065 min  
Response: 3069929  
Conc: 27.45 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.748 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.442 min  
Delta R.T.: -0.003 min  
Response: 2703192  
Conc: 3.13 ng/ml