

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ010919\  
 Data File : PQ036314.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2019 10:20  
 Operator : SM\SJ  
 Sample : K1075-01RE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 BASIN-1RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 02:44:48 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ010819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 09 07:07:45 2019  
 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... | 4.399  | 3.724 | 66281497 | 37969651 | 14.499   | 15.687     |
| 2)                          | SA Decachlor... | 10.059 | 8.688 | 41194163 | 17553137 | 11.325   | 9.131      |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.583  | 4.828 | 2015813  | 6198785  | 14.407   | 79.868 #   |
| 4)                          | L1 AR-1016-2    | 5.583  | 4.828 | 2015813  | 6198785  | 9.443    | 54.429 #   |
| 5)                          | L1 AR-1016-3    | 5.583  | 4.995 | 2015813  | 1768963  | 16.249   | 30.577 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.031 | 0        | 1803694  | N.D.     | 38.264 #   |
| 7)                          | L1 AR-1016-5    | 6.031  | 5.191 | 147.0E6  | 10268802 | 1471.987 | 168.797 #  |
| 10)                         | L2 AR-1221-3    | 4.783  | 4.092 | 8259061  | 5102066  | 92.646   | 103.201    |
| 11)                         | L3 AR-1232-1    | 4.783  | 4.092 | 8259061  | 5102066  | 108.410  | 118.563    |
| 12)                         | L3 AR-1232-2    | 5.266  | 4.828 | 1158187  | 6198785  | 30.344   | 137.593 #  |
| 13)                         | L3 AR-1232-3    | 5.583  | 4.995 | 2015813  | 1768963  | 25.051   | 78.053 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.104 | 0        | 97657530 | N.D.     | 4744.776 # |
| 15)                         | L3 AR-1232-5    | 5.829  | 5.191 | 2522715  | 10268802 | 88.077   | 468.245 #  |
| 16)                         | L4 AR-1242-1    | 5.583  | 4.828 | 2015813  | 6198785  | 20.276   | 107.517 #  |
| 17)                         | L4 AR-1242-2    | 5.583  | 4.828 | 2015813  | 6198785  | 13.345   | 76.011 #   |
| 18)                         | L4 AR-1242-3    | 5.583  | 4.995 | 2015813  | 1768963  | 22.729   | 41.383 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.104 | 0        | 97657530 | N.D.     | 2294.928 # |
| 20)                         | L4 AR-1242-5    | 6.477  | 5.603 | 6018594  | 12419900 | 75.844   | 228.653 #  |
| 21)                         | L5 AR-1248-1    | 5.583  | 4.828 | 2015813  | 6198785  | 20.145   | 132.089 #  |
| 22)                         | L5 AR-1248-2    | 5.829  | 5.031 | 2522715  | 1803694  | 22.584   | 28.738 #   |
| 23)                         | L5 AR-1248-3    | 6.031  | 5.104 | 147.0E6  | 97657530 | 1173.016 | 1519.968 # |
| 24)                         | L5 AR-1248-4    | 6.424  | 5.191 | 23282178 | 10268802 | 163.289  | 133.683    |
| 25)                         | L5 AR-1248-5    | 6.477  | 5.603 | 6018594  | 12419900 | 44.037   | 162.741 #  |
| 26)                         | L6 AR-1254-1    | 6.424  | 5.603 | 23282178 | 12419900 | 171.267  | 118.749 #  |
| 27)                         | L6 AR-1254-2    | 6.636  | 5.739 | 15773010 | 5416656  | 74.167   | 59.277     |
| 28)                         | L6 AR-1254-3    | 6.997  | 6.139 | 10279299 | 5941181  | 43.792   | 37.316     |
| 29)                         | L6 AR-1254-4    | 7.276  | 6.366 | 6265052  | 1555976  | 35.412   | 14.824 #   |
| 30)                         | L6 AR-1254-5    | 7.695  | 6.779 | 5291372  | 2666306  | 25.835   | 18.357 #   |
| 31)                         | L7 AR-1260-1    | 7.152  | 6.266 | 3601453  | 2063285  | 18.916   | 17.328     |
| 32)                         | L7 AR-1260-2    | 7.409  | 6.454 | 12569964 | 2860626  | 54.773   | 19.925 #   |
| 33)                         | L7 AR-1260-3    | 7.764  | 6.605 | 1551400  | 1779022  | 11.018   | 13.474     |
| 34)                         | L7 AR-1260-4    | 7.991  | 0.000 | 3772590  | 0        | 21.880   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.311  | 7.314 | 4644098  | 1940123  | 13.836   | 8.782 #    |
| 36)                         | L8 AR-1262-1    | 7.764  | 6.779 | 1551400  | 2666306  | 6.620    | 17.296 #   |
| 37)                         | L8 AR-1262-2    | 8.311  | 7.314 | 4644098  | 1940123  | 10.824   | 6.969 #    |
| 38)                         | L8 AR-1262-3    | 8.636  | 0.000 | 1831505  | 0        | 19.681   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 8.636  | 0.000 | 1831505  | 0        | 8.830    | N.D. #     |
| 41)                         | L9 AR-1268-1    | 8.636  | 0.000 | 1831505  | 0        | 3.606    | N.D. #     |
| 42)                         | L9 AR-1268-2    | 8.636  | 0.000 | 1831505  | 0        | 3.830    | N.D. #     |
| -----                       |                 |        |       |          |          |          |            |

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

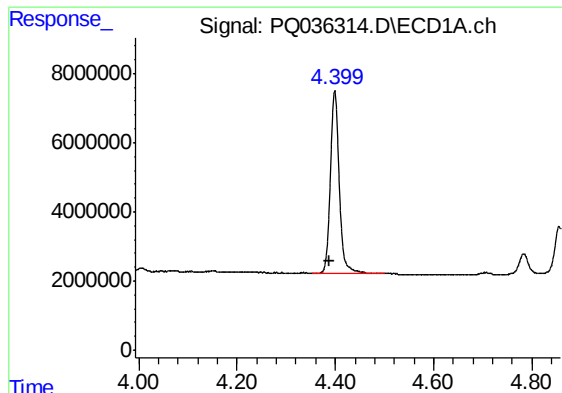
**Instrument :**

ECD\_Q

**ClientSampleId :**

BASIN-1RE

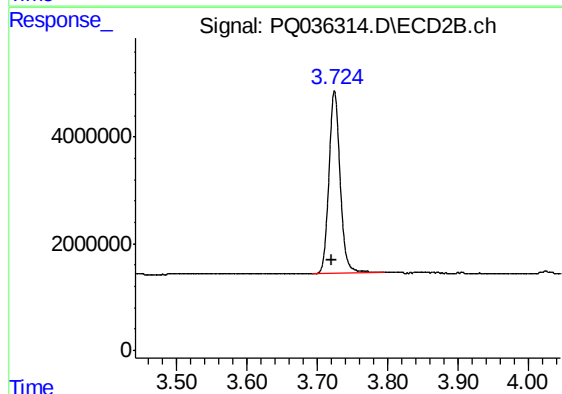




#1 Tetrachloro-m-xylene

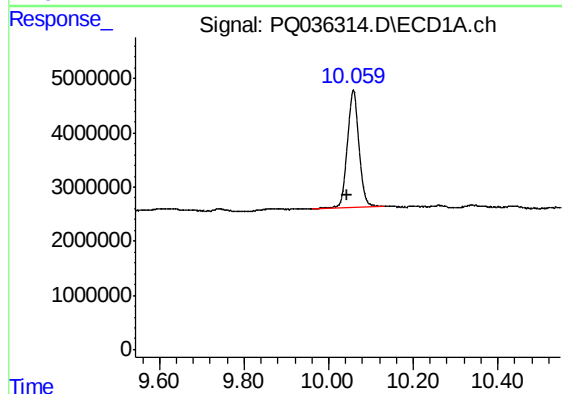
R.T.: 4.399 min  
Delta R.T.: 0.010 min  
Response: 66281497  
Conc: 14.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



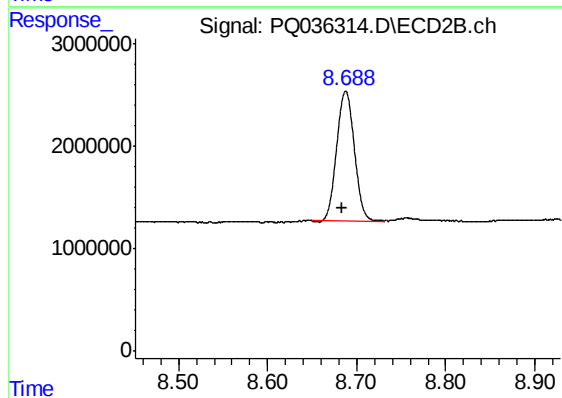
#1 Tetrachloro-m-xylene

R.T.: 3.724 min  
Delta R.T.: 0.003 min  
Response: 37969651  
Conc: 15.69 ng/ml



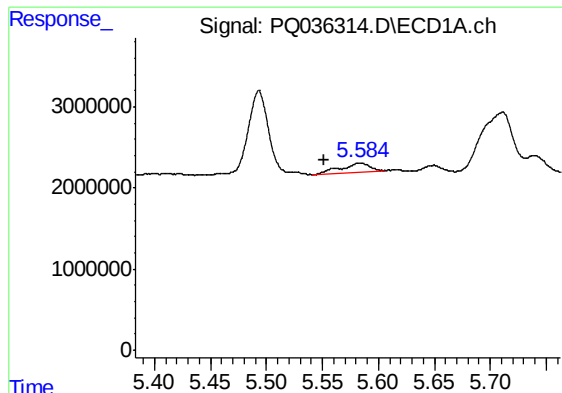
#2 Decachlorobiphenyl

R.T.: 10.059 min  
Delta R.T.: 0.015 min  
Response: 41194163  
Conc: 11.32 ng/ml



#2 Decachlorobiphenyl

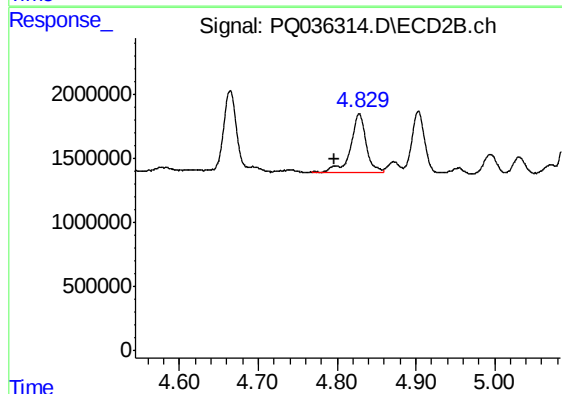
R.T.: 8.688 min  
Delta R.T.: 0.004 min  
Response: 17553137  
Conc: 9.13 ng/ml



#3 AR-1016-1

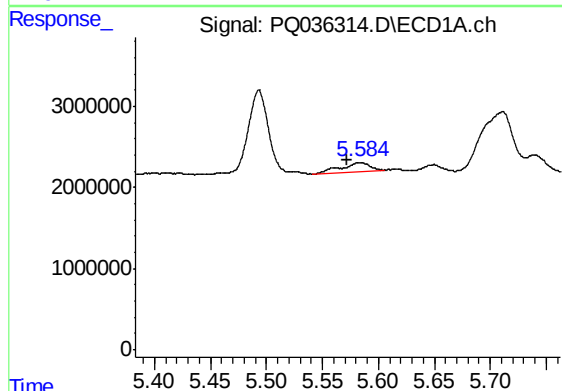
R.T.: 5.583 min  
Delta R.T.: 0.032 min  
Response: 2015813  
Conc: 14.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



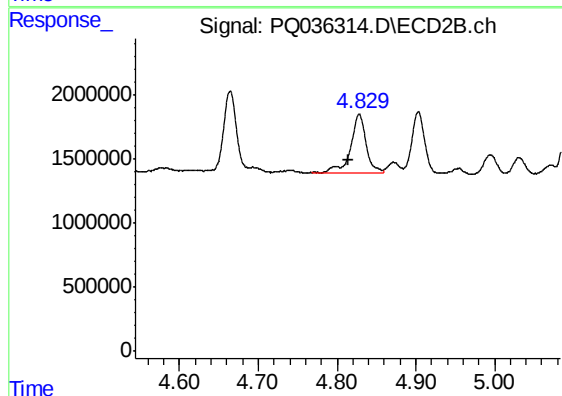
#3 AR-1016-1

R.T.: 4.828 min  
Delta R.T.: 0.031 min  
Response: 6198785  
Conc: 79.87 ng/ml



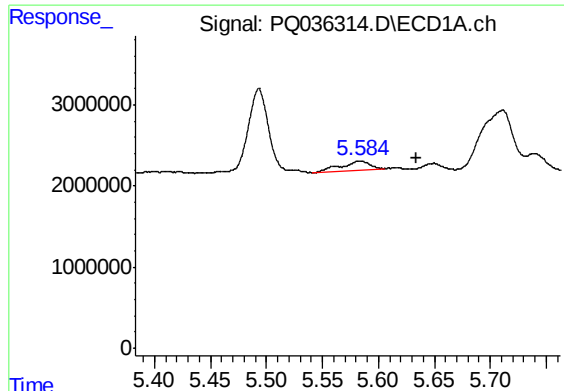
#4 AR-1016-2

R.T.: 5.583 min  
Delta R.T.: 0.011 min  
Response: 2015813  
Conc: 9.44 ng/ml



#4 AR-1016-2

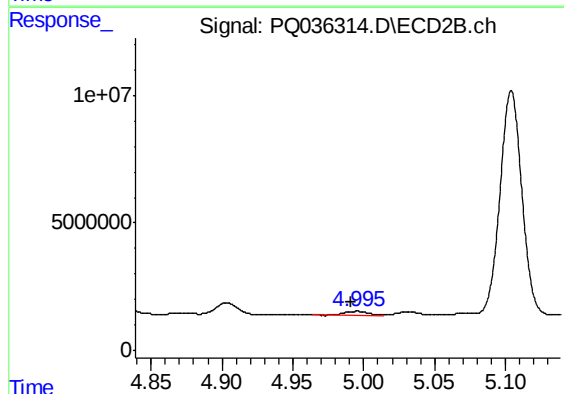
R.T.: 4.828 min  
Delta R.T.: 0.013 min  
Response: 6198785  
Conc: 54.43 ng/ml



#5 AR-1016-3

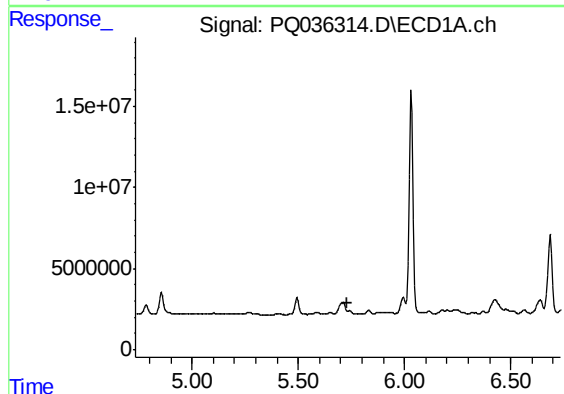
R.T.: 5.583 min  
Delta R.T.: -0.051 min  
Response: 2015813  
Conc: 16.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



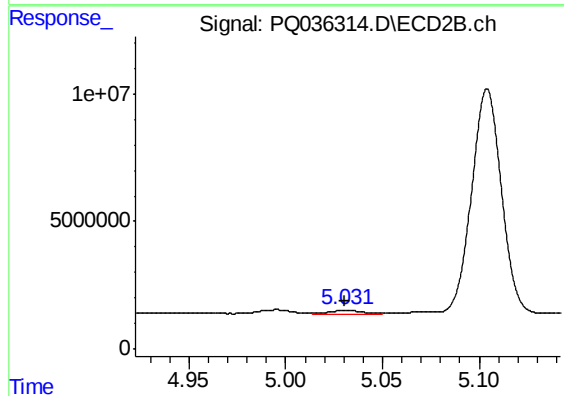
#5 AR-1016-3

R.T.: 4.995 min  
Delta R.T.: 0.004 min  
Response: 1768963  
Conc: 30.58 ng/ml



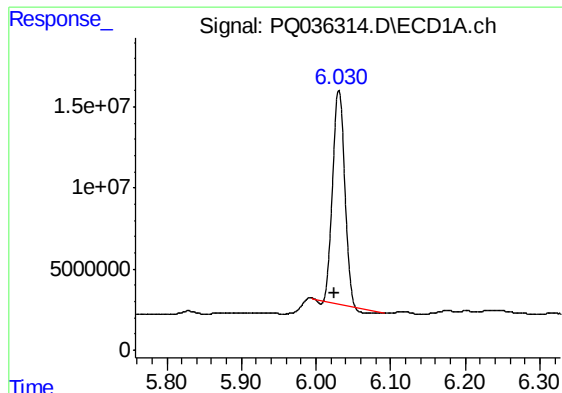
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.733 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

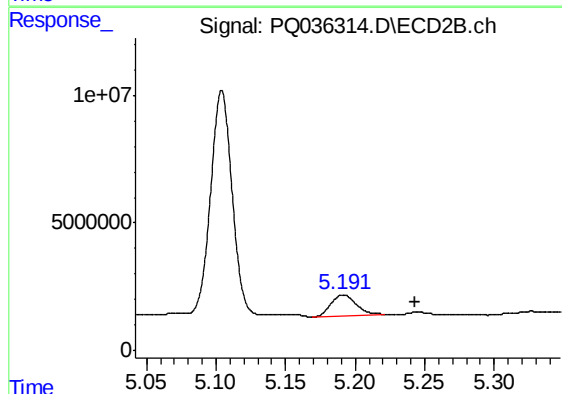
R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 1803694  
Conc: 38.26 ng/ml



#7 AR-1016-5

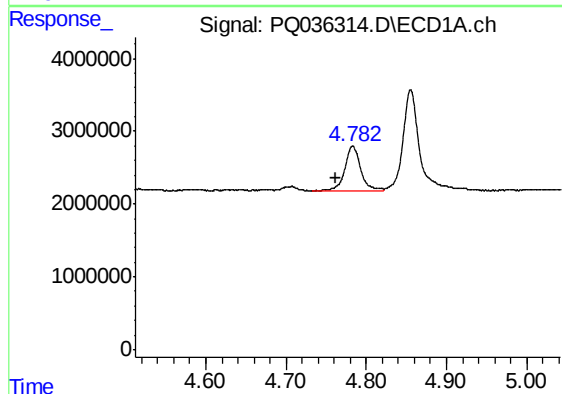
R.T.: 6.031 min  
Delta R.T.: 0.007 min  
Response: 146989113  
Conc: 1471.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



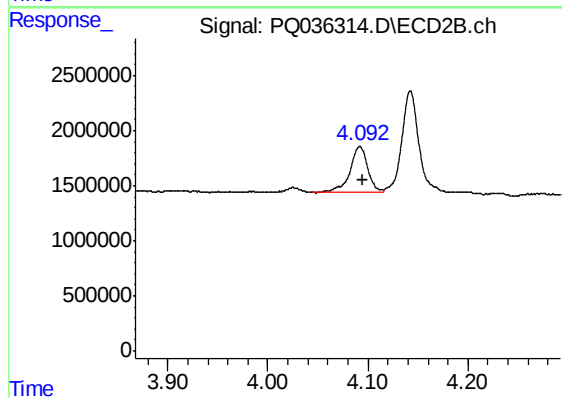
#7 AR-1016-5

R.T.: 5.191 min  
Delta R.T.: -0.052 min  
Response: 10268802  
Conc: 168.80 ng/ml



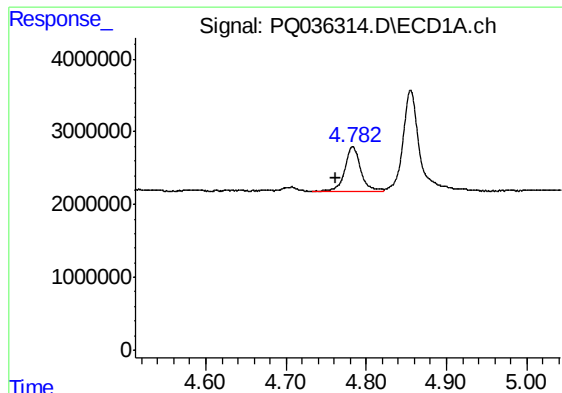
#10 AR-1221-3

R.T.: 4.783 min  
Delta R.T.: 0.021 min  
Response: 8259061  
Conc: 92.65 ng/ml



#10 AR-1221-3

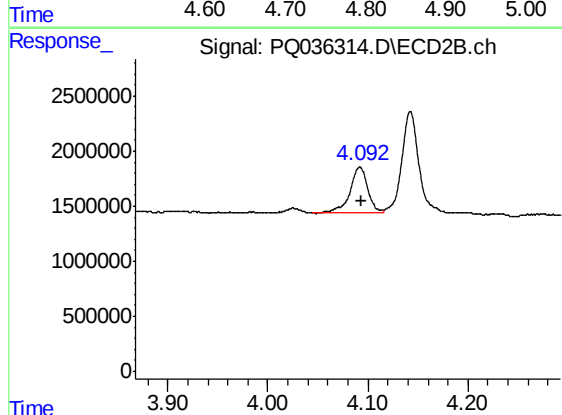
R.T.: 4.092 min  
Delta R.T.: -0.002 min  
Response: 5102066  
Conc: 103.20 ng/ml



#11 AR-1232-1

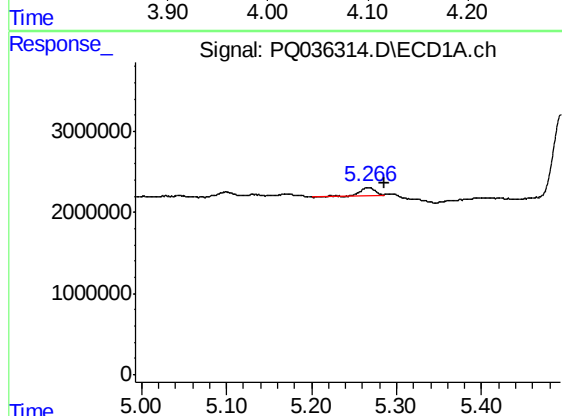
R.T.: 4.783 min  
Delta R.T.: 0.022 min  
Response: 8259061  
Conc: 108.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



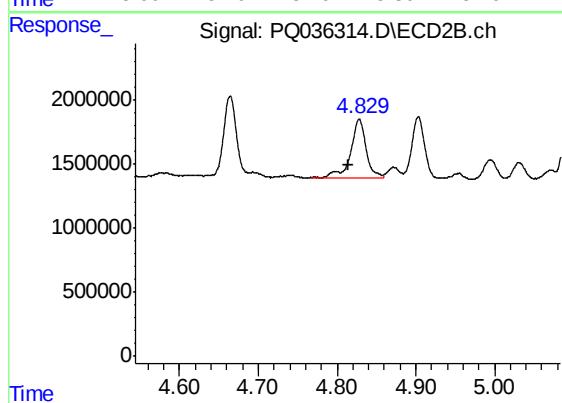
#11 AR-1232-1

R.T.: 4.092 min  
Delta R.T.: -0.001 min  
Response: 5102066  
Conc: 118.56 ng/ml



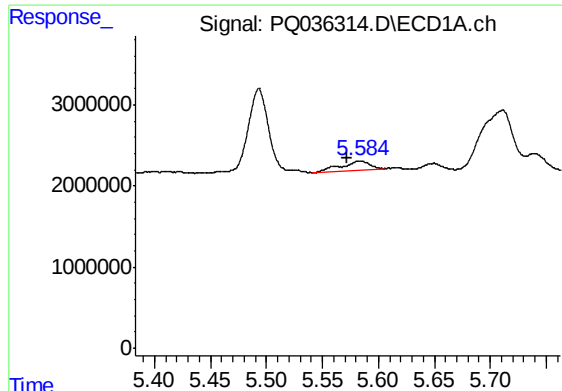
#12 AR-1232-2

R.T.: 5.266 min  
Delta R.T.: -0.019 min  
Response: 1158187  
Conc: 30.34 ng/ml



#12 AR-1232-2

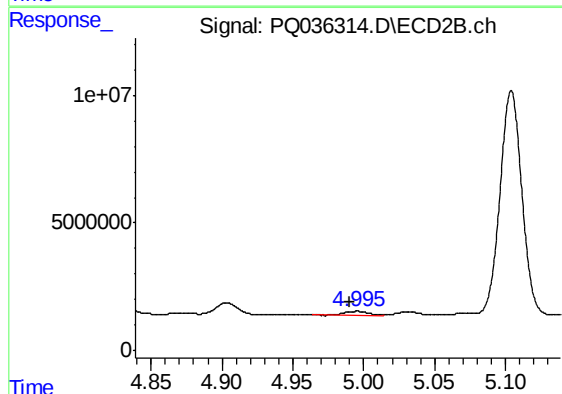
R.T.: 4.828 min  
Delta R.T.: 0.014 min  
Response: 6198785  
Conc: 137.59 ng/ml



#13 AR-1232-3

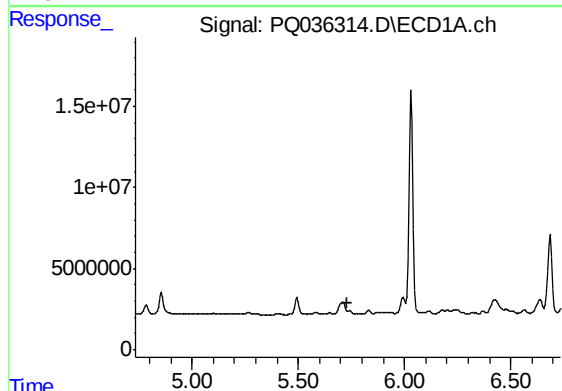
R.T.: 5.583 min  
Delta R.T.: 0.011 min  
Response: 2015813  
Conc: 25.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



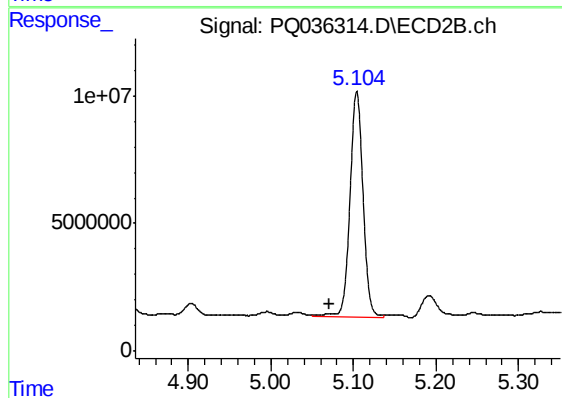
#13 AR-1232-3

R.T.: 4.995 min  
Delta R.T.: 0.005 min  
Response: 1768963  
Conc: 78.05 ng/ml



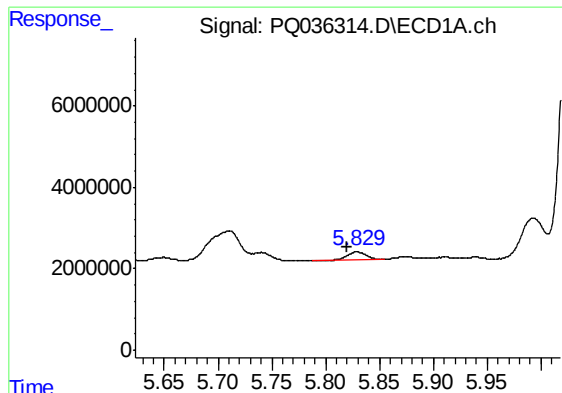
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.734 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

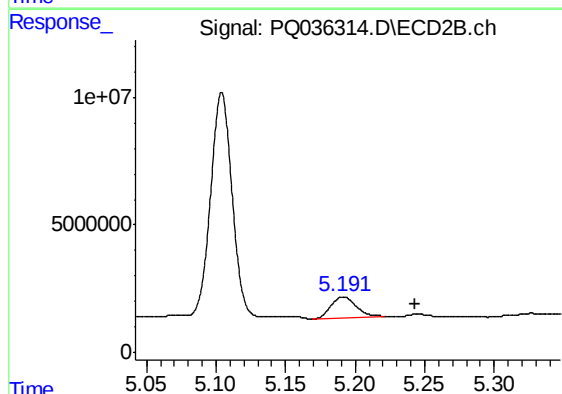
R.T.: 5.104 min  
Delta R.T.: 0.034 min  
Response: 97657530  
Conc: 4744.78 ng/ml



#15 AR-1232-5

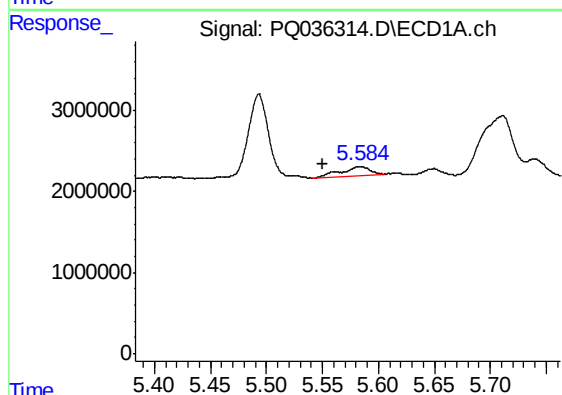
R.T.: 5.829 min  
Delta R.T.: 0.009 min  
Response: 2522715  
Conc: 88.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



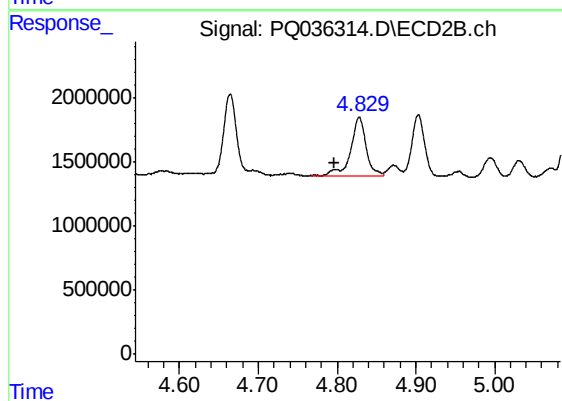
#15 AR-1232-5

R.T.: 5.191 min  
Delta R.T.: -0.051 min  
Response: 10268802  
Conc: 468.24 ng/ml



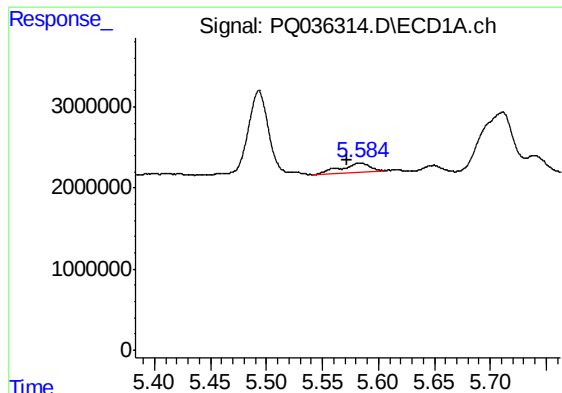
#16 AR-1242-1

R.T.: 5.583 min  
Delta R.T.: 0.033 min  
Response: 2015813  
Conc: 20.28 ng/ml



#16 AR-1242-1

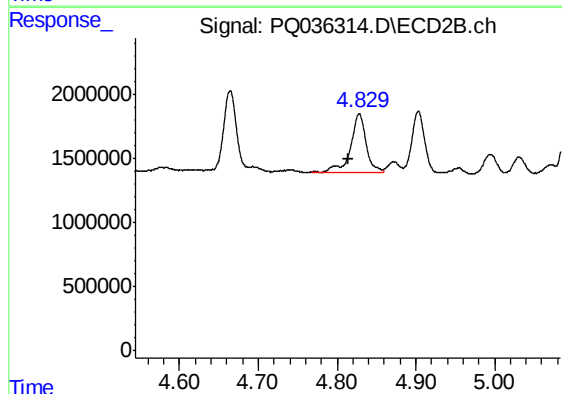
R.T.: 4.828 min  
Delta R.T.: 0.032 min  
Response: 6198785  
Conc: 107.52 ng/ml



#17 AR-1242-2

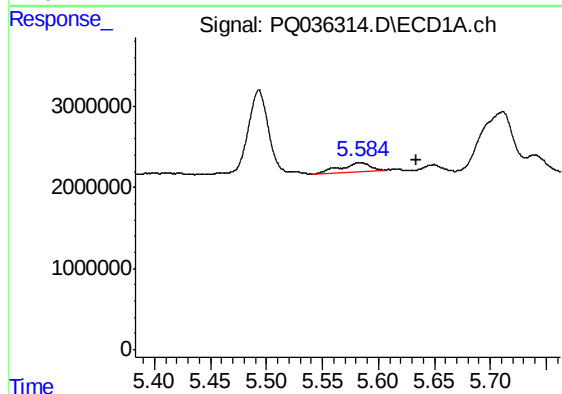
R.T.: 5.583 min  
Delta R.T.: 0.012 min  
Response: 2015813  
Conc: 13.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



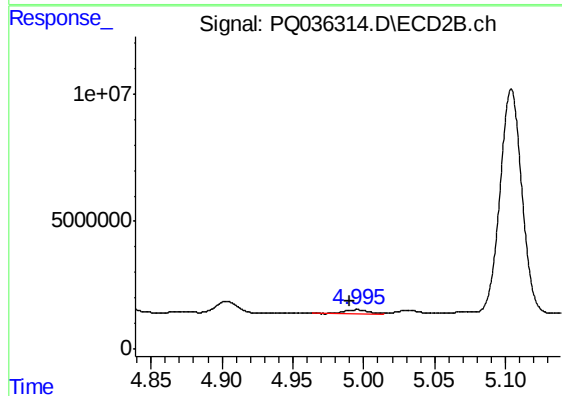
#17 AR-1242-2

R.T.: 4.828 min  
Delta R.T.: 0.014 min  
Response: 6198785  
Conc: 76.01 ng/ml



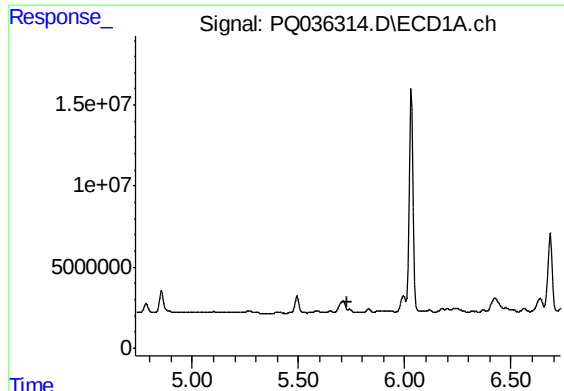
#18 AR-1242-3

R.T.: 5.583 min  
Delta R.T.: -0.051 min  
Response: 2015813  
Conc: 22.73 ng/ml



#18 AR-1242-3

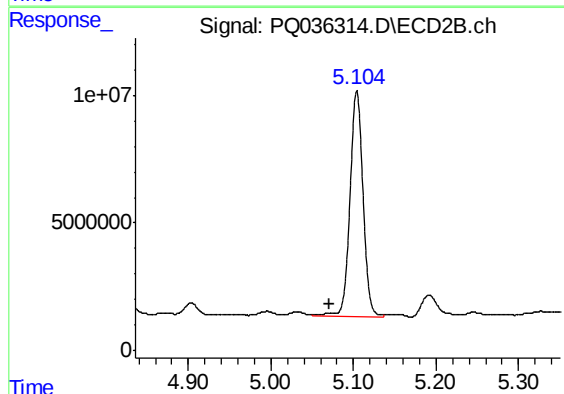
R.T.: 4.995 min  
Delta R.T.: 0.005 min  
Response: 1768963  
Conc: 41.38 ng/ml



#19 AR-1242-4

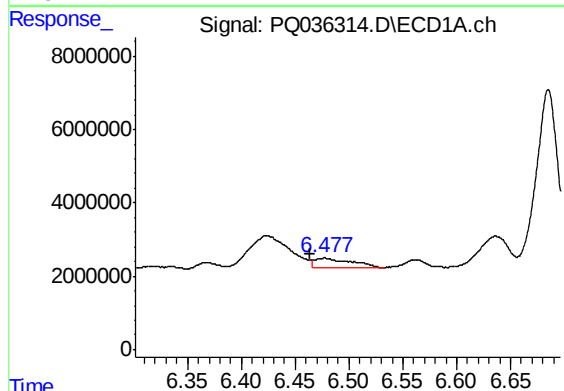
R.T.: 0.000 min  
Exp R.T.: 5.733 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



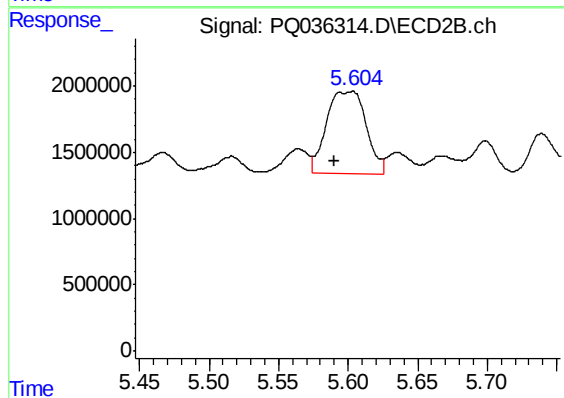
#19 AR-1242-4

R.T.: 5.104 min  
Delta R.T.: 0.034 min  
Response: 97657530  
Conc: 2294.93 ng/ml



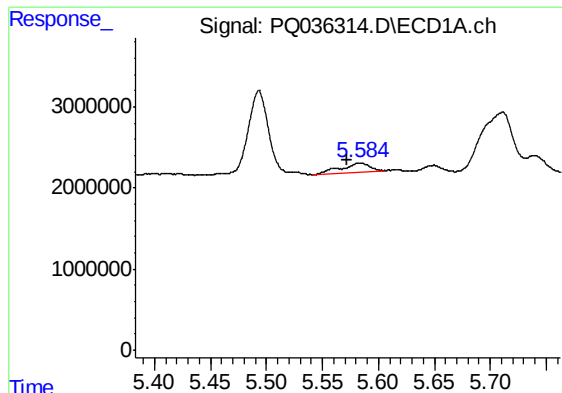
#20 AR-1242-5

R.T.: 6.477 min  
Delta R.T.: 0.013 min  
Response: 6018594  
Conc: 75.84 ng/ml



#20 AR-1242-5

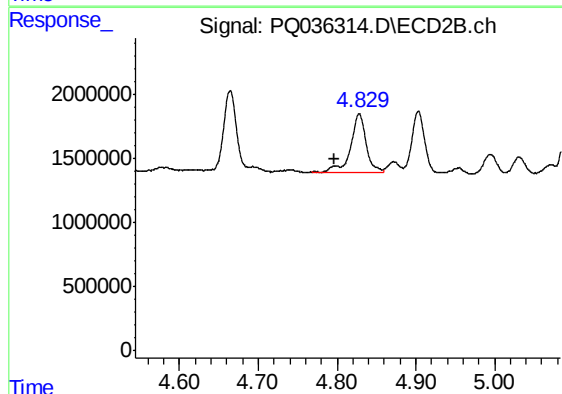
R.T.: 5.603 min  
Delta R.T.: 0.013 min  
Response: 12419900  
Conc: 228.65 ng/ml



#21 AR-1248-1

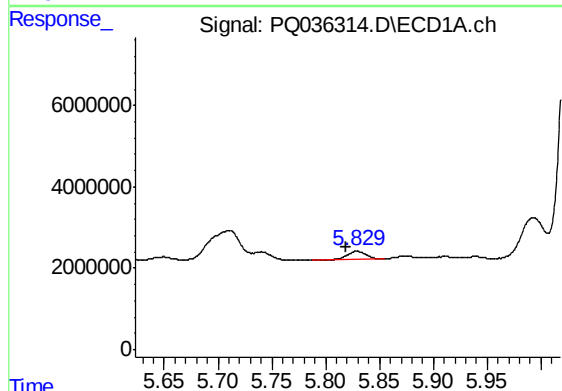
R.T.: 5.583 min  
Delta R.T.: 0.011 min  
Response: 2015813  
Conc: 20.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



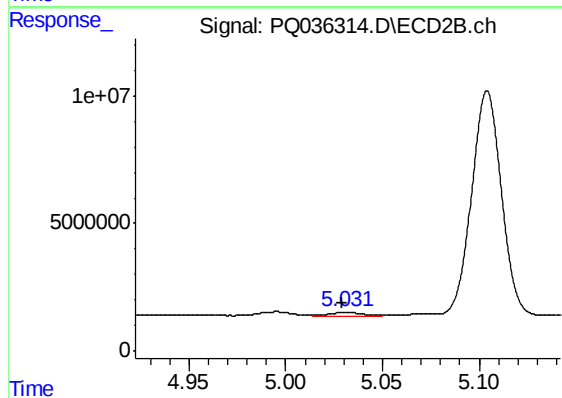
#21 AR-1248-1

R.T.: 4.828 min  
Delta R.T.: 0.032 min  
Response: 6198785  
Conc: 132.09 ng/ml



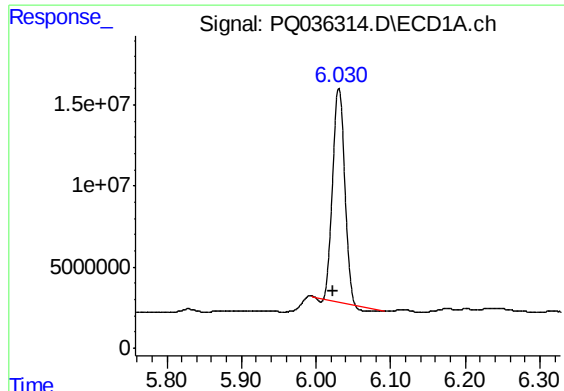
#22 AR-1248-2

R.T.: 5.829 min  
Delta R.T.: 0.010 min  
Response: 2522715  
Conc: 22.58 ng/ml



#22 AR-1248-2

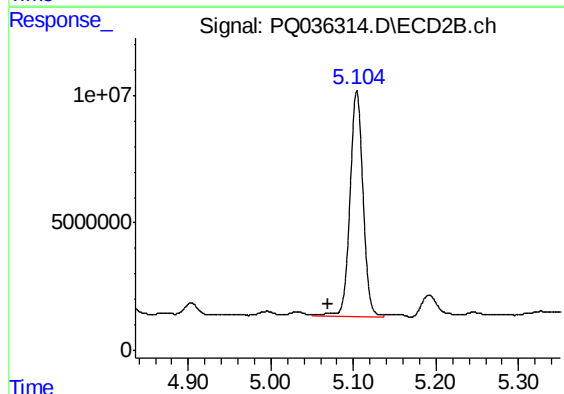
R.T.: 5.031 min  
Delta R.T.: 0.002 min  
Response: 1803694  
Conc: 28.74 ng/ml



#23 AR-1248-3

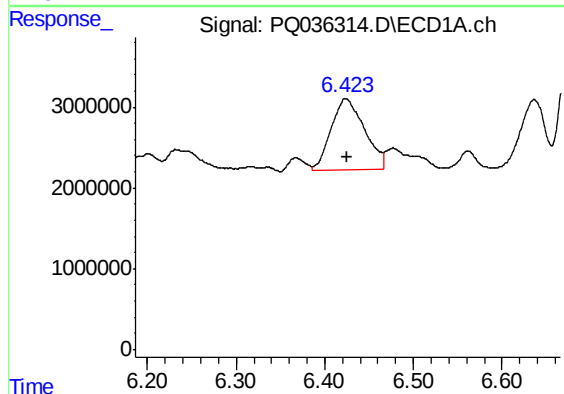
R.T.: 6.031 min  
Delta R.T.: 0.007 min  
Response: 146989113  
Conc: 1173.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



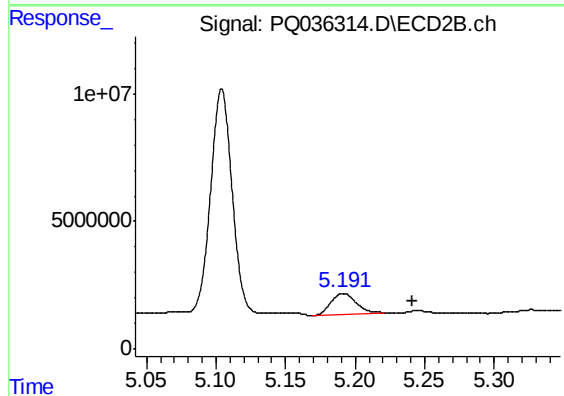
#23 AR-1248-3

R.T.: 5.104 min  
Delta R.T.: 0.034 min  
Response: 97657530  
Conc: 1519.97 ng/ml



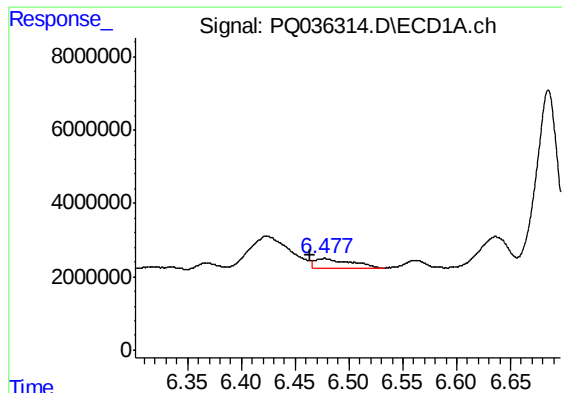
#24 AR-1248-4

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 23282178  
Conc: 163.29 ng/ml



#24 AR-1248-4

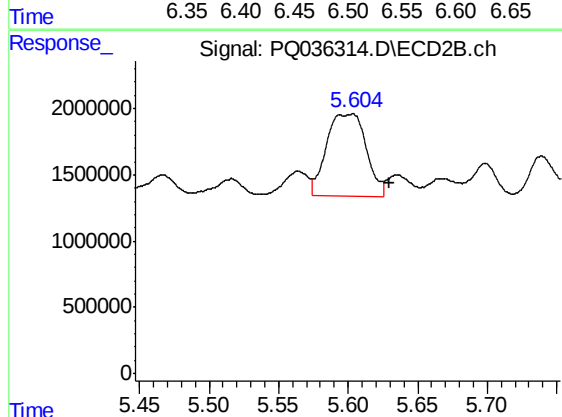
R.T.: 5.191 min  
Delta R.T.: -0.050 min  
Response: 10268802  
Conc: 133.68 ng/ml



#25 AR-1248-5

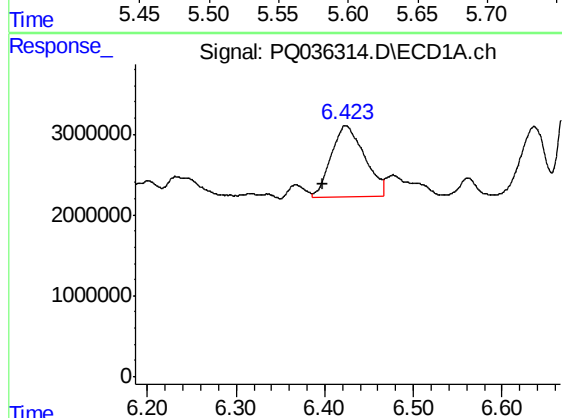
R.T.: 6.477 min  
Delta R.T.: 0.013 min  
Response: 6018594  
Conc: 44.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



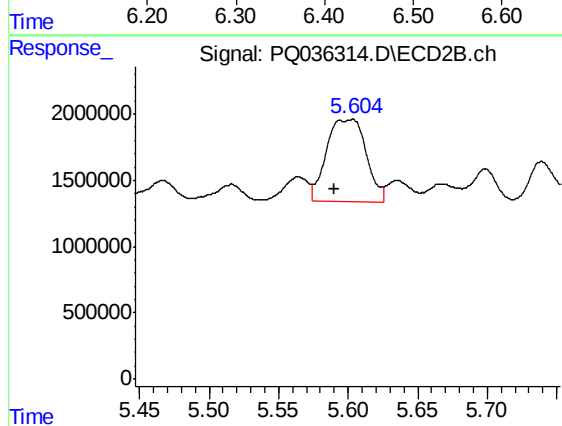
#25 AR-1248-5

R.T.: 5.603 min  
Delta R.T.: -0.026 min  
Response: 12419900  
Conc: 162.74 ng/ml



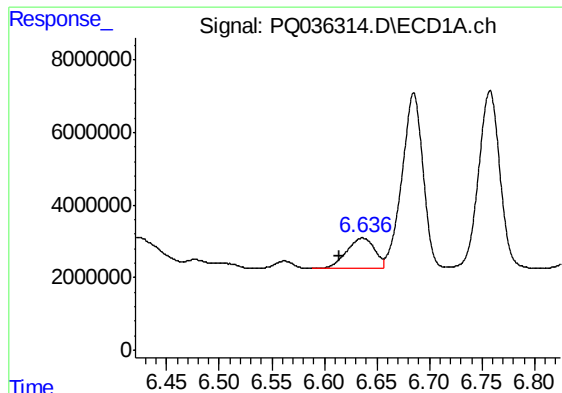
#26 AR-1254-1

R.T.: 6.424 min  
Delta R.T.: 0.025 min  
Response: 23282178  
Conc: 171.27 ng/ml



#26 AR-1254-1

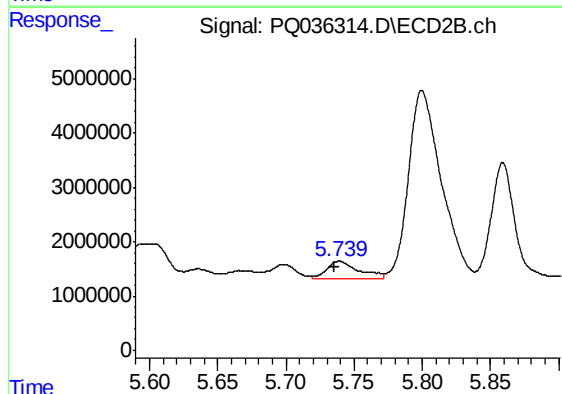
R.T.: 5.603 min  
Delta R.T.: 0.013 min  
Response: 12419900  
Conc: 118.75 ng/ml



#27 AR-1254-2

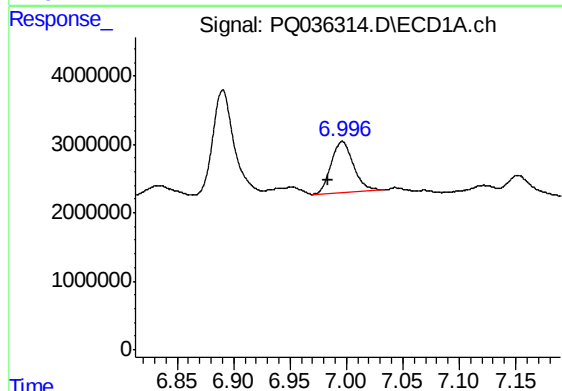
R.T.: 6.636 min  
Delta R.T.: 0.022 min  
Response: 15773010  
Conc: 74.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



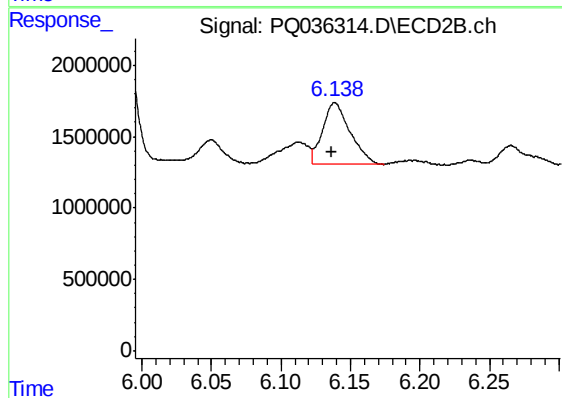
#27 AR-1254-2

R.T.: 5.739 min  
Delta R.T.: 0.003 min  
Response: 5416656  
Conc: 59.28 ng/ml



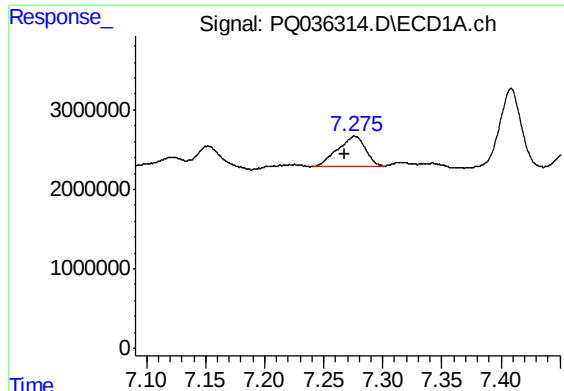
#28 AR-1254-3

R.T.: 6.997 min  
Delta R.T.: 0.013 min  
Response: 10279299  
Conc: 43.79 ng/ml



#28 AR-1254-3

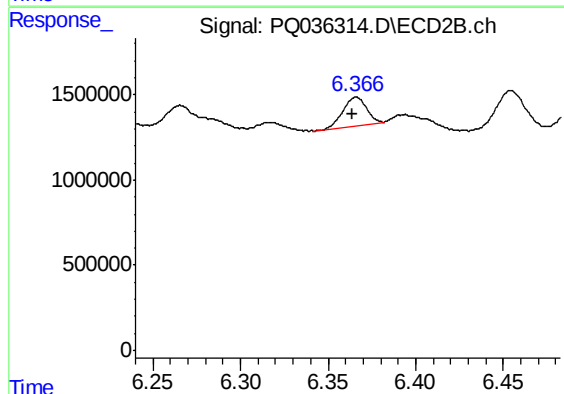
R.T.: 6.139 min  
Delta R.T.: 0.002 min  
Response: 5941181  
Conc: 37.32 ng/ml



#29 AR-1254-4

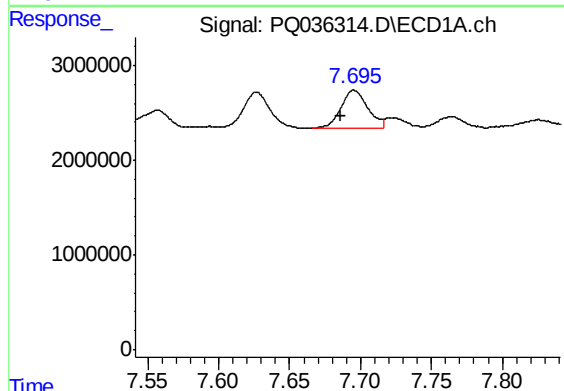
R.T.: 7.276 min  
Delta R.T.: 0.008 min  
Response: 6265052  
Conc: 35.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



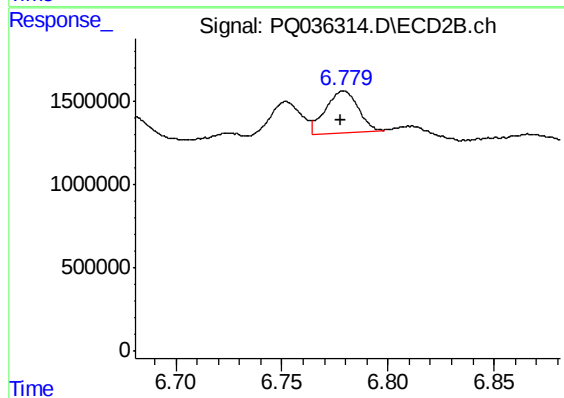
#29 AR-1254-4

R.T.: 6.366 min  
Delta R.T.: 0.002 min  
Response: 1555976  
Conc: 14.82 ng/ml



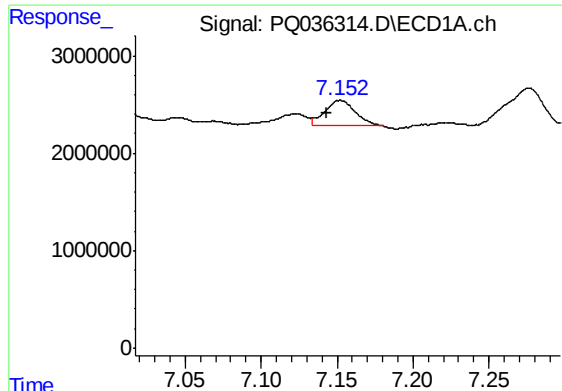
#30 AR-1254-5

R.T.: 7.695 min  
Delta R.T.: 0.009 min  
Response: 5291372  
Conc: 25.83 ng/ml



#30 AR-1254-5

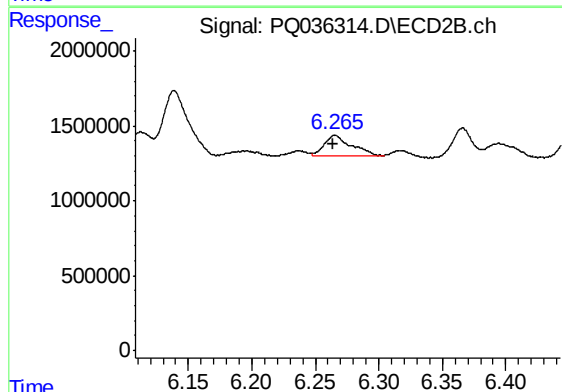
R.T.: 6.779 min  
Delta R.T.: 0.002 min  
Response: 2666306  
Conc: 18.36 ng/ml



#31 AR-1260-1

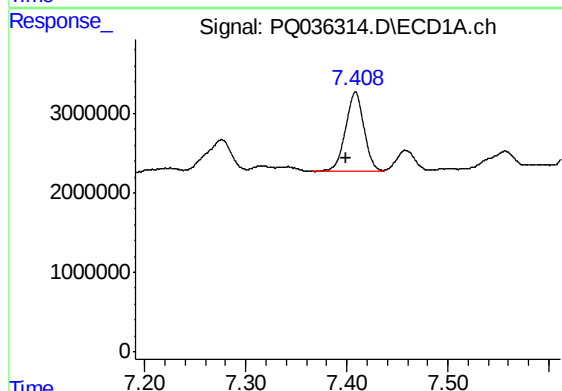
R.T.: 7.152 min  
Delta R.T.: 0.009 min  
Response: 3601453  
Conc: 18.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



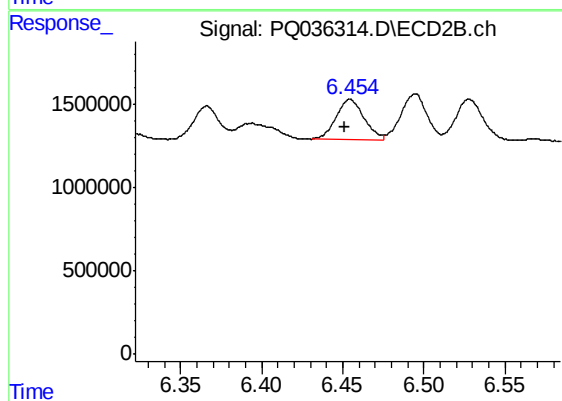
#31 AR-1260-1

R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 2063285  
Conc: 17.33 ng/ml



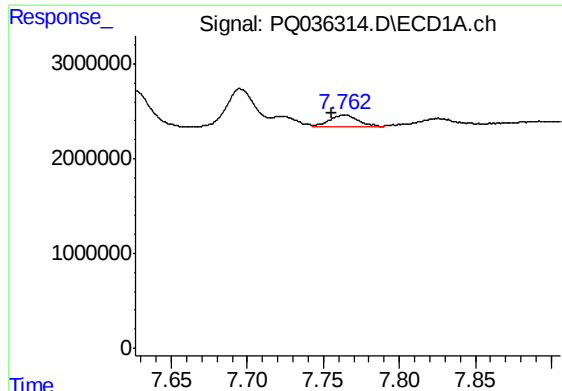
#32 AR-1260-2

R.T.: 7.409 min  
Delta R.T.: 0.010 min  
Response: 12569964  
Conc: 54.77 ng/ml



#32 AR-1260-2

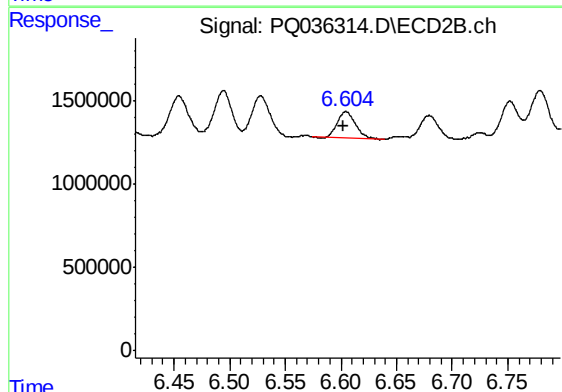
R.T.: 6.454 min  
Delta R.T.: 0.003 min  
Response: 2860626  
Conc: 19.93 ng/ml



#33 AR-1260-3

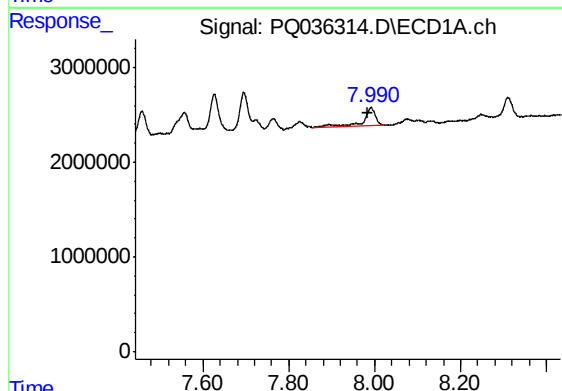
R.T.: 7.764 min  
Delta R.T.: 0.008 min  
Response: 1551400  
Conc: 11.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



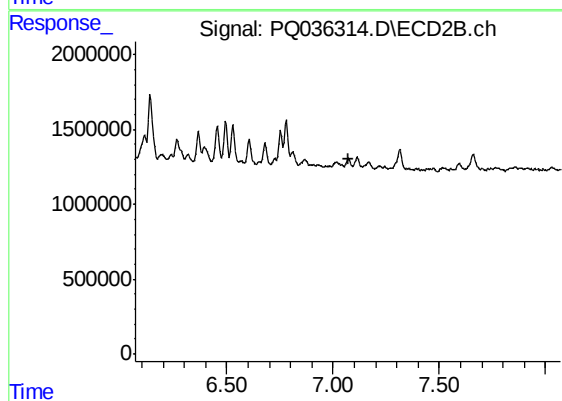
#33 AR-1260-3

R.T.: 6.605 min  
Delta R.T.: 0.002 min  
Response: 1779022  
Conc: 13.47 ng/ml



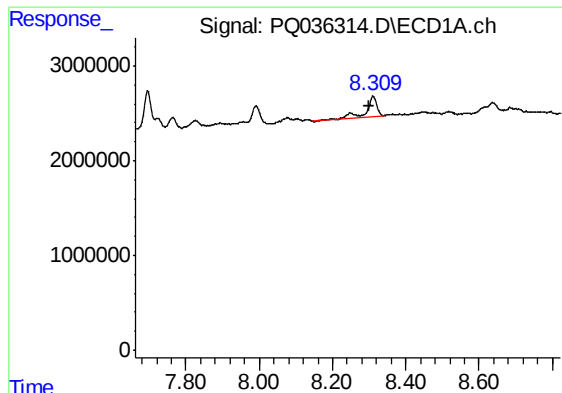
#34 AR-1260-4

R.T.: 7.991 min  
Delta R.T.: 0.007 min  
Response: 3772590  
Conc: 21.88 ng/ml



#34 AR-1260-4

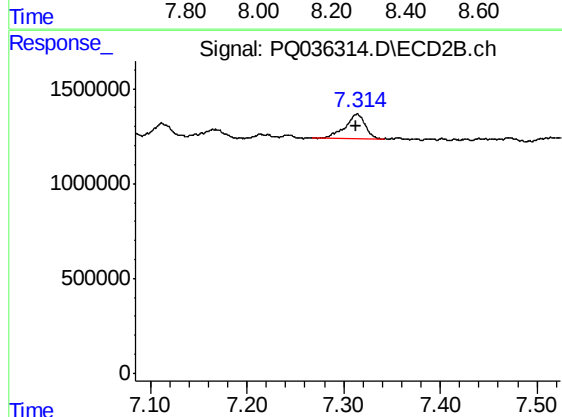
R.T.: 0.000 min  
Exp R.T. : 7.070 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

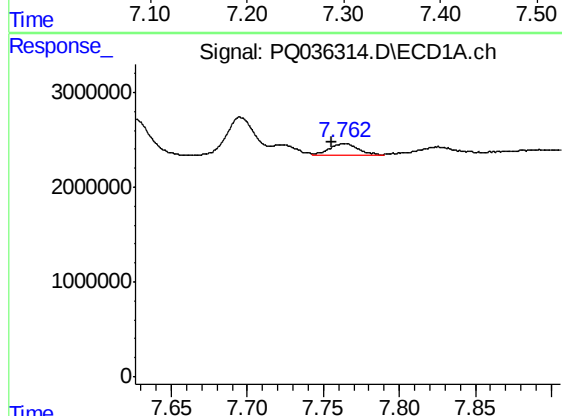
R.T.: 8.311 min  
Delta R.T.: 0.010 min  
Response: 4644098  
Conc: 13.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



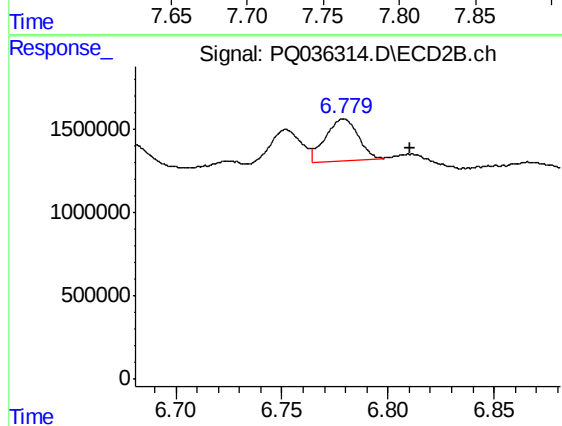
#35 AR-1260-5

R.T.: 7.314 min  
Delta R.T.: 0.001 min  
Response: 1940123  
Conc: 8.78 ng/ml



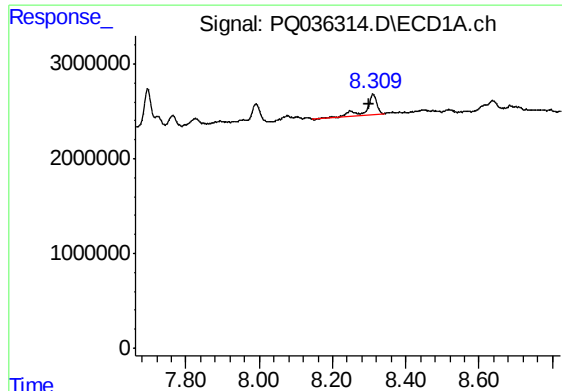
#36 AR-1262-1

R.T.: 7.764 min  
Delta R.T.: 0.008 min  
Response: 1551400  
Conc: 6.62 ng/ml



#36 AR-1262-1

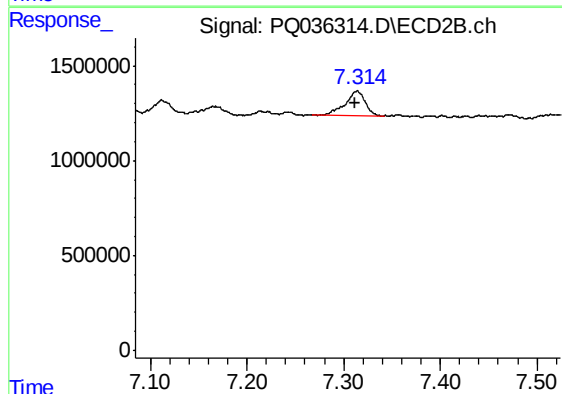
R.T.: 6.779 min  
Delta R.T.: -0.031 min  
Response: 2666306  
Conc: 17.30 ng/ml



#37 AR-1262-2

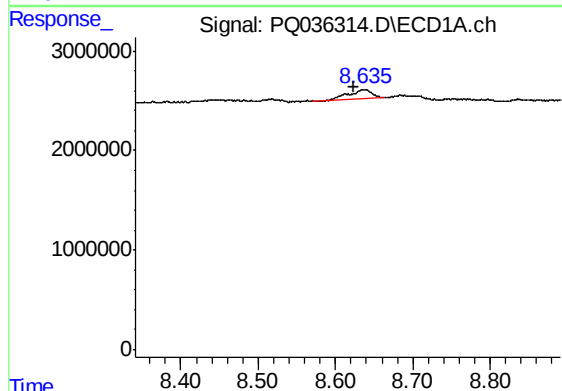
R.T.: 8.311 min  
Delta R.T.: 0.011 min  
Response: 4644098  
Conc: 10.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



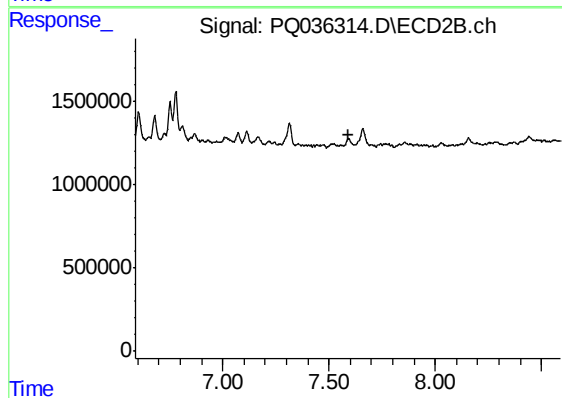
#37 AR-1262-2

R.T.: 7.314 min  
Delta R.T.: 0.002 min  
Response: 1940123  
Conc: 6.97 ng/ml



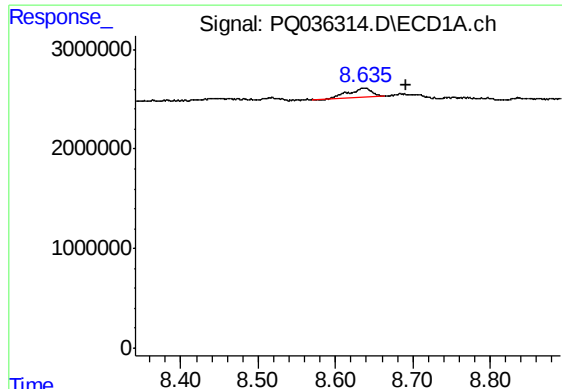
#38 AR-1262-3

R.T.: 8.636 min  
Delta R.T.: 0.012 min  
Response: 1831505  
Conc: 19.68 ng/ml



#38 AR-1262-3

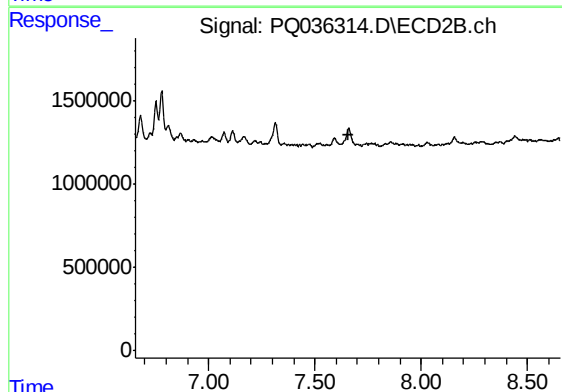
R.T.: 0.000 min  
Exp R.T. : 7.589 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

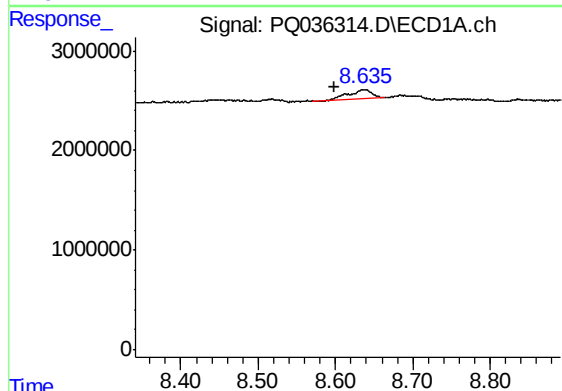
R.T.: 8.636 min  
Delta R.T.: -0.055 min  
Response: 1831505  
Conc: 8.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



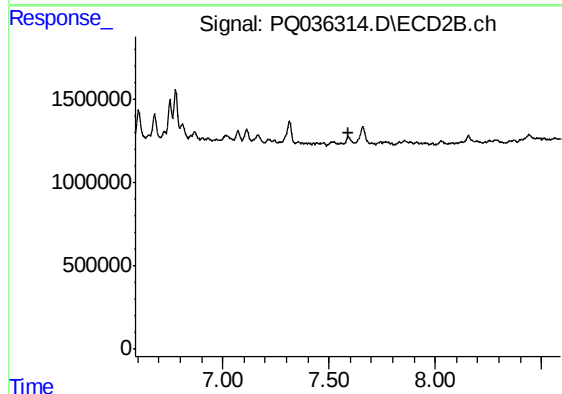
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.656 min  
Response: 0  
Conc: N.D.



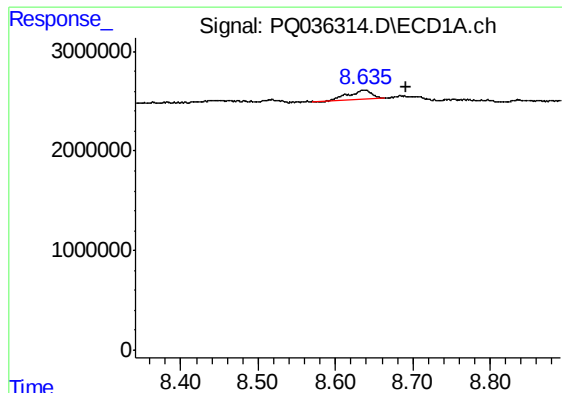
#41 AR-1268-1

R.T.: 8.636 min  
Delta R.T.: 0.037 min  
Response: 1831505  
Conc: 3.61 ng/ml



#41 AR-1268-1

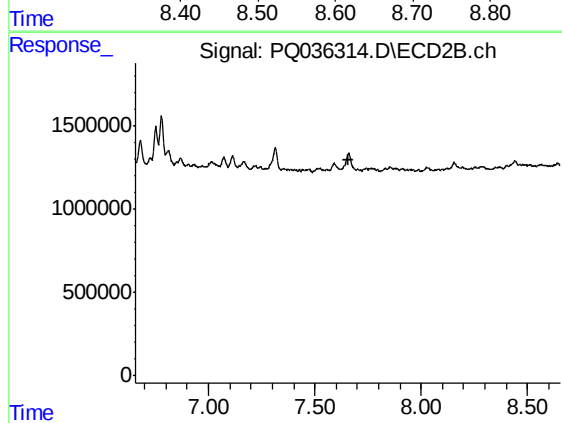
R.T.: 0.000 min  
Exp R.T. : 7.590 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.636 min  
Delta R.T.: -0.055 min  
Response: 1831505  
Conc: 3.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BASIN-1RE



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.656 min  
Response: 0  
Conc: N.D.