

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111119\  
 Data File : PQ044929.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2019 12:47  
 Operator : SM\AJ  
 Sample : K5719-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 17:17:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110719CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 08 03:35:55 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... | 5.102  | 4.310 | 103.0E6  | 71810161 | 12.972 | 15.229    |
| 2)                          | SA Decachlor... | 11.169 | 9.725 | 61486181 | 76307960 | 8.878  | 11.246 #  |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.626 | 0        | 204626   | N.D.   | 1.111 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.626 | 0        | 204626   | N.D.   | 0.774 #   |
| 5)                          | L1 AR-1016-3    | 6.542  | 5.863 | 3410268  | 3151998  | 14.689 | 24.424 #  |
| 6)                          | L1 AR-1016-4    | 6.599  | 5.863 | 254378   | 3151998  | 1.344  | 29.027 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.035 | 0        | 404442   | N.D.   | 2.647 #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.672 | 0        | 1497399  | N.D.   | 37.928 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.833 | 0        | 6553937  | N.D.   | 50.139 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.833 | 0        | 6553937  | N.D.   | 56.822 #  |
| 12)                         | L3 AR-1232-2    | 6.142  | 5.626 | 2895926  | 204626   | 32.289 | 1.645 #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.863 | 0        | 3151998  | N.D.   | 53.225 #  |
| 14)                         | L3 AR-1232-4    | 6.599  | 5.911 | 254378   | 7577939  | 2.875  | 126.059 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.035 | 0        | 404442   | N.D.   | 5.553 #   |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.626 | 0        | 204626   | N.D.   | 1.305 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.626 | 0        | 204626   | N.D.   | 0.915 #   |
| 18)                         | L4 AR-1242-3    | 6.542  | 5.863 | 3410268  | 3151998  | 17.188 | 28.359 #  |
| 19)                         | L4 AR-1242-4    | 6.599  | 5.911 | 254378   | 7577939  | 1.576  | 63.549 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.515 | 0        | 15420552 | N.D.   | 93.912 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.626 | 0        | 204626   | N.D.   | 1.644 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.863 | 0        | 3151998  | N.D.   | 18.516 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.911 | 0        | 7577939  | N.D.   | 42.372 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 6.035 | 0        | 404442   | N.D.   | 1.858 #   |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.515 | 0        | 15420552 | N.D.   | 69.154 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.515 | 0        | 15420552 | N.D.   | 42.390 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.614 | 0        | 41679    | N.D.   | 0.129 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 7.290 | 0        | 1861923  | N.D.   | 5.209 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.192 | 0        | 2112670  | N.D.   | 6.896 #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 7.382 | 0        | 1568968  | N.D.   | 3.974 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 9.139 | 0        | 1286188  | N.D.   | 3.694 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.844 | 0        | 1124812  | N.D.   | 1.209 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 9.139 | 0        | 1286188  | N.D.   | 3.193 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.456 | 0        | 1171962  | N.D.   | 0.388 #   |
| -----                       |                 |        |       |          |          |        |           |

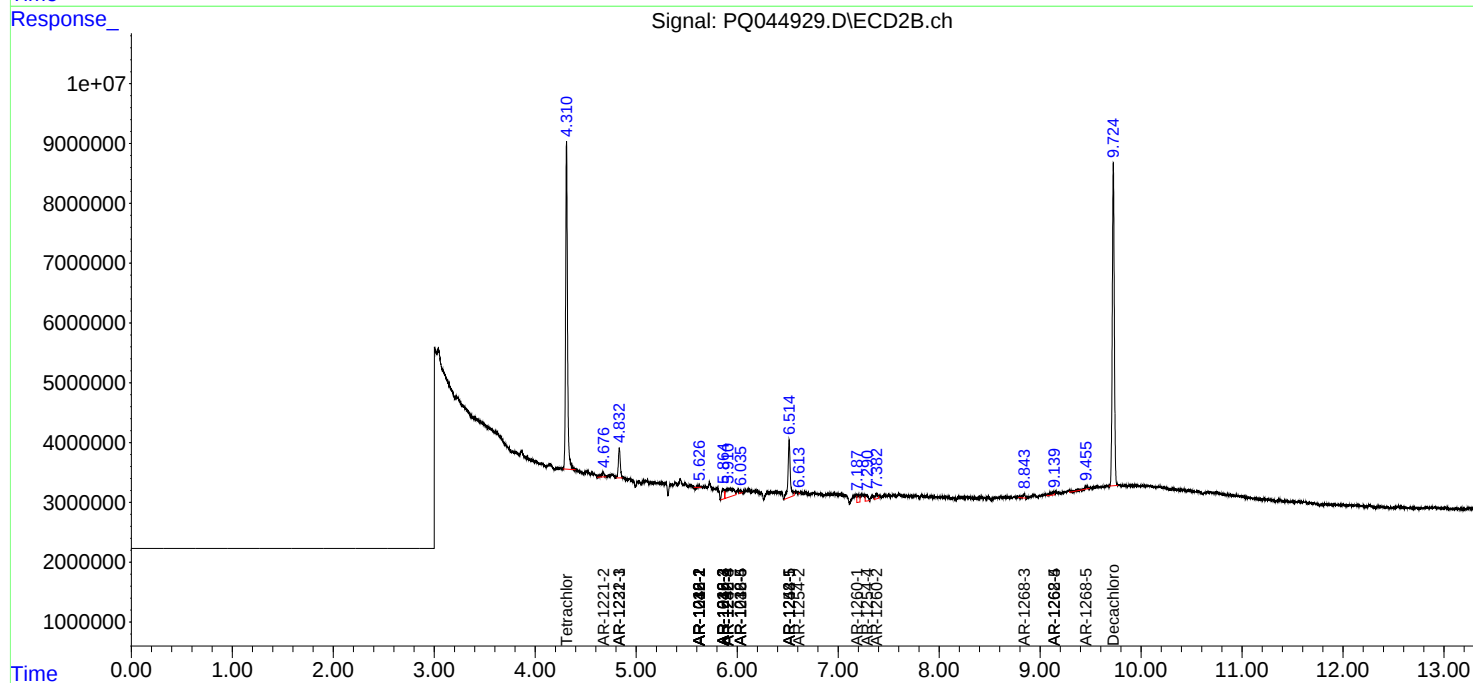
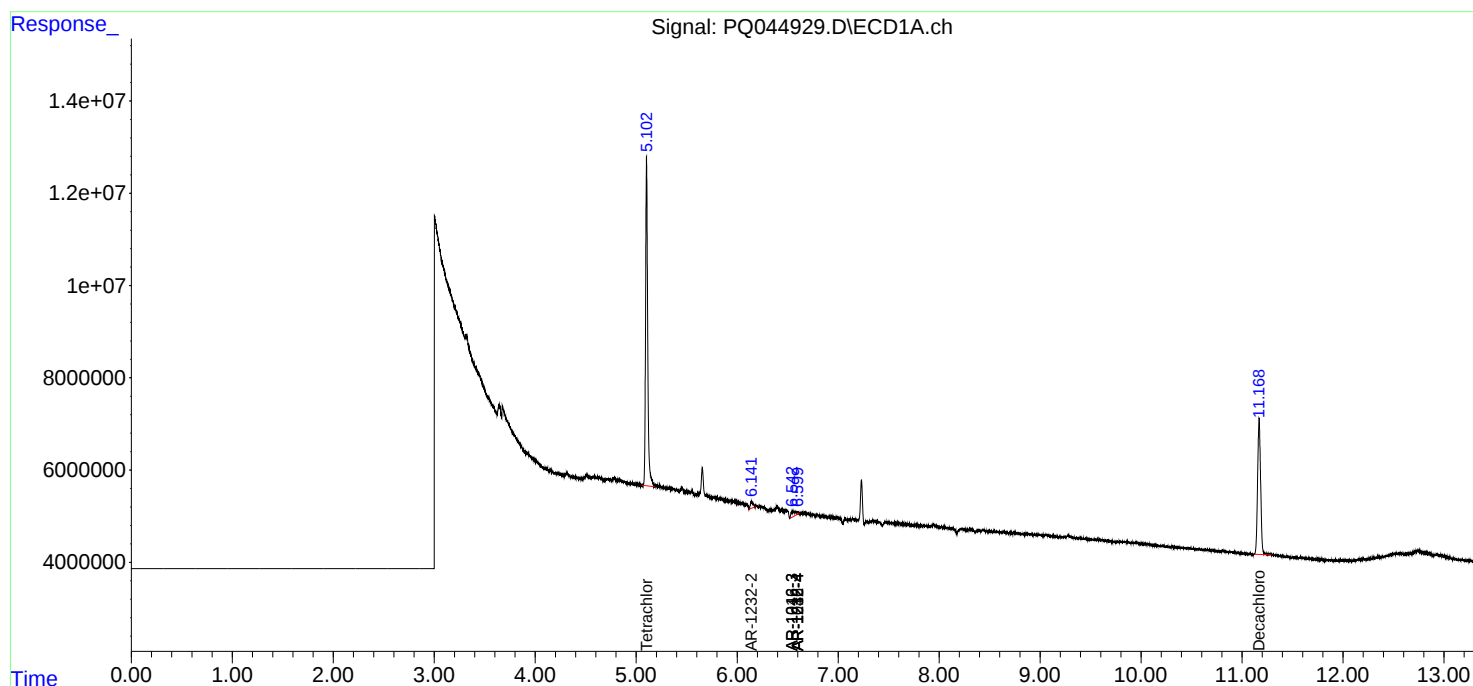
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

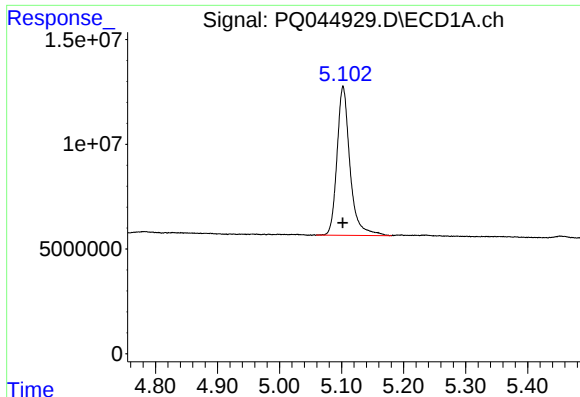
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111119\  
Data File : PQ044929.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2019 12:47  
Operator : SM\AJ  
Sample : K5719-11  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 17:17:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110719CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 08 03:35:55 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

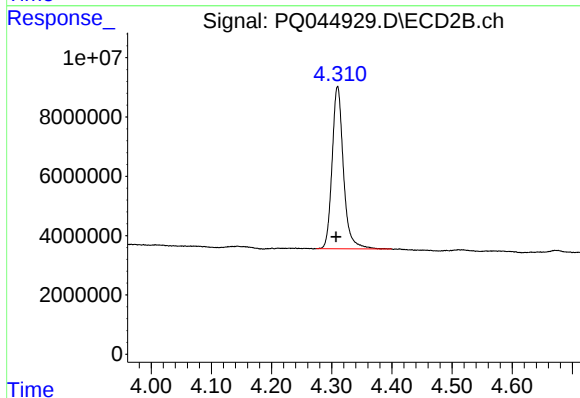




#1 Tetrachloro-m-xylene

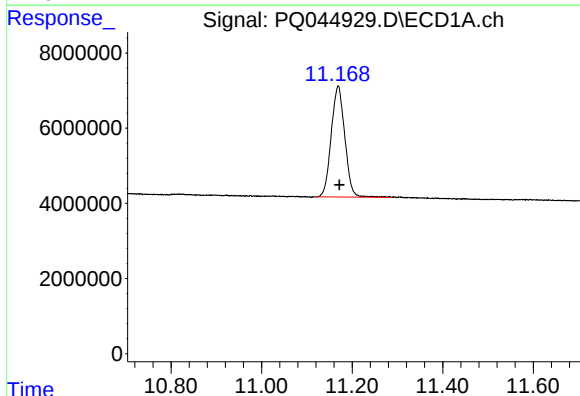
R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 102972624  
Conc: 12.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



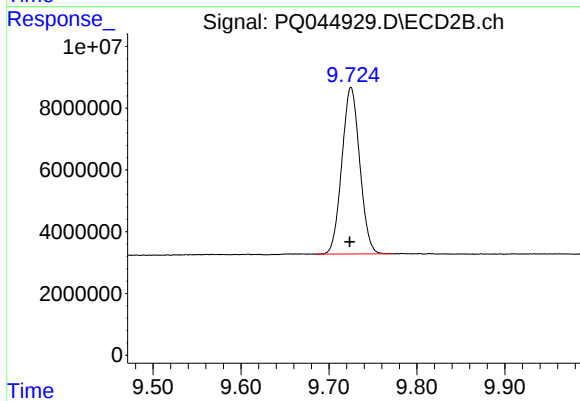
#1 Tetrachloro-m-xylene

R.T.: 4.310 min  
Delta R.T.: 0.003 min  
Response: 71810161  
Conc: 15.23 ng/ml



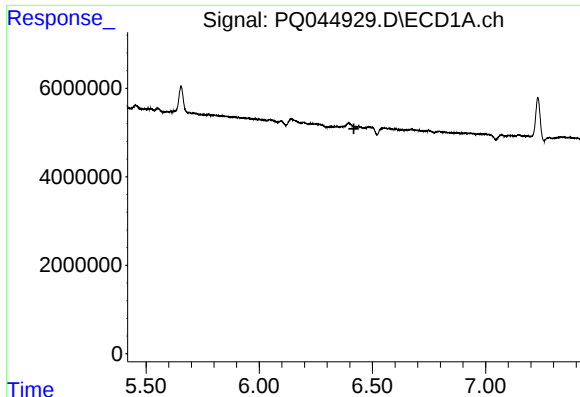
#2 Decachlorobiphenyl

R.T.: 11.169 min  
Delta R.T.: -0.002 min  
Response: 61486181  
Conc: 8.88 ng/ml



#2 Decachlorobiphenyl

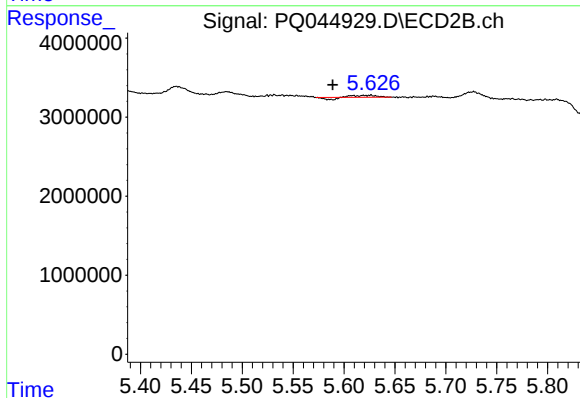
R.T.: 9.725 min  
Delta R.T.: 0.002 min  
Response: 76307960  
Conc: 11.25 ng/ml



#3 AR-1016-1

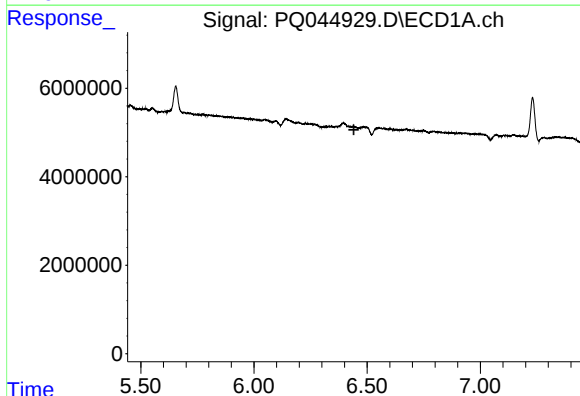
R.T.: 0.000 min  
Exp R.T.: 6.418 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



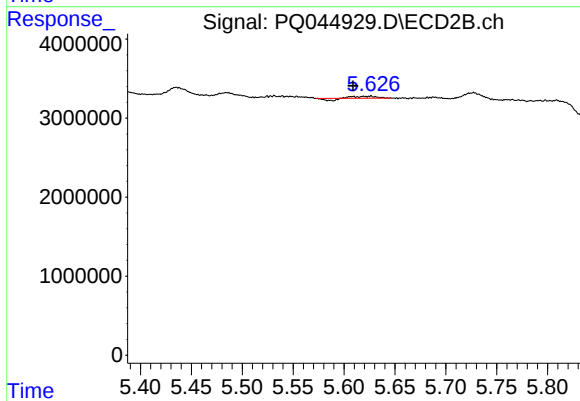
#3 AR-1016-1

R.T.: 5.626 min  
Delta R.T.: 0.038 min  
Response: 204626  
Conc: 1.11 ng/ml



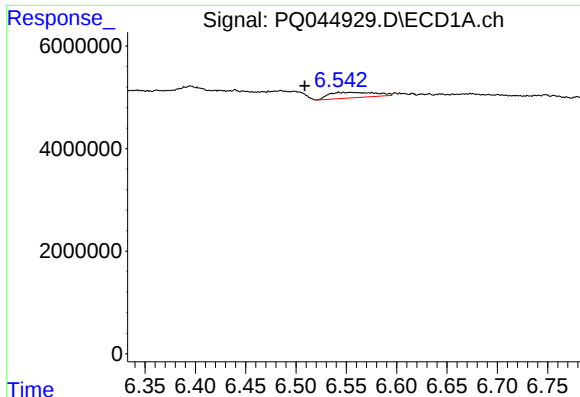
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.442 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

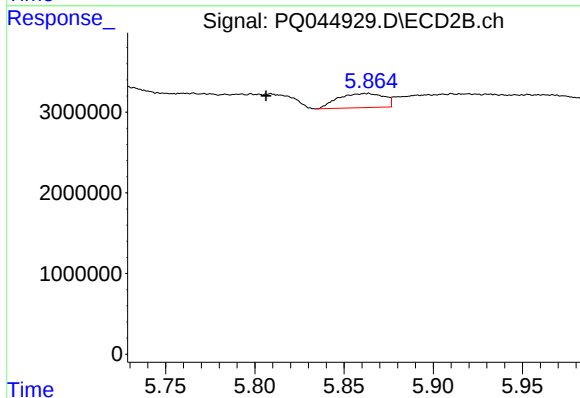
R.T.: 5.626 min  
Delta R.T.: 0.017 min  
Response: 204626  
Conc: 0.77 ng/ml



#5 AR-1016-3

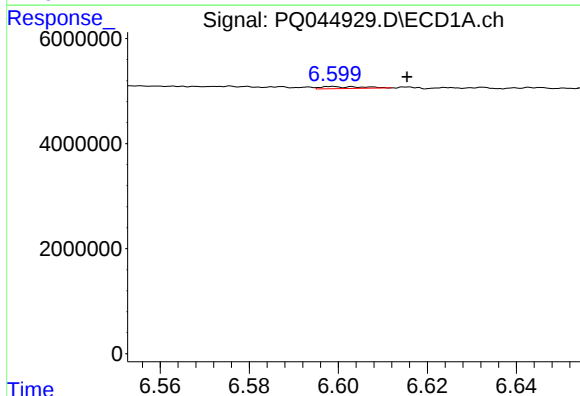
R.T.: 6.542 min  
Delta R.T.: 0.034 min  
Response: 3410268  
Conc: 14.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



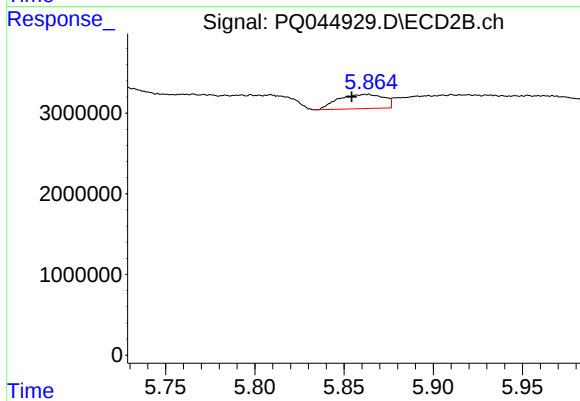
#5 AR-1016-3

R.T.: 5.863 min  
Delta R.T.: 0.056 min  
Response: 3151998  
Conc: 24.42 ng/ml



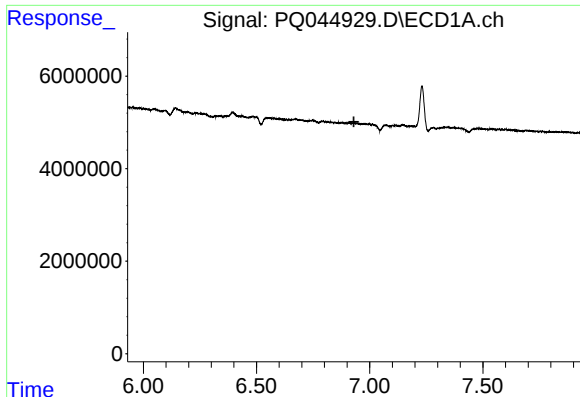
#6 AR-1016-4

R.T.: 6.599 min  
Delta R.T.: -0.017 min  
Response: 254378  
Conc: 1.34 ng/ml



#6 AR-1016-4

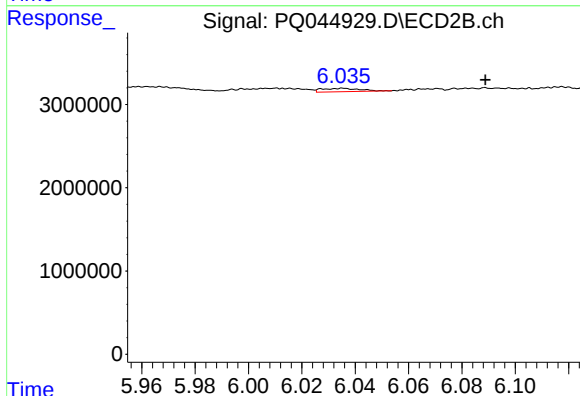
R.T.: 5.863 min  
Delta R.T.: 0.008 min  
Response: 3151998  
Conc: 29.03 ng/ml



#7 AR-1016-5

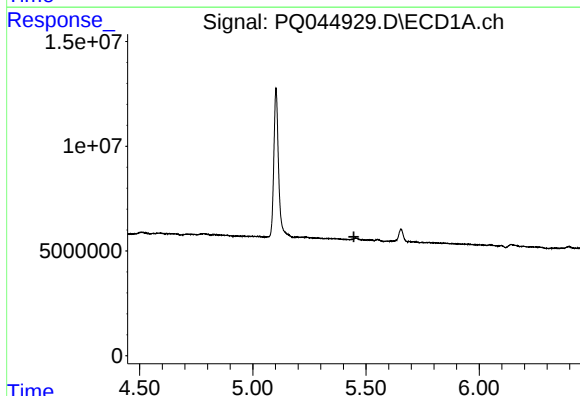
R.T.: 0.000 min  
Exp R.T.: 6.930 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



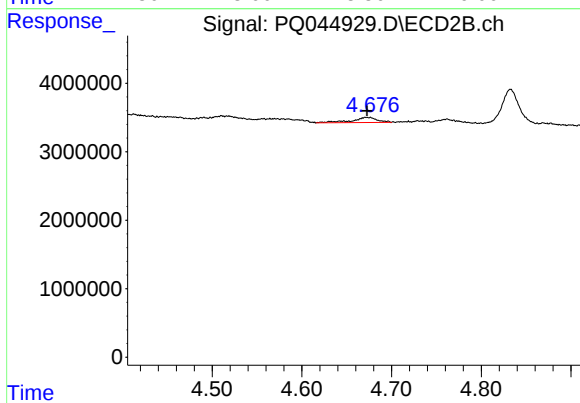
#7 AR-1016-5

R.T.: 6.035 min  
Delta R.T.: -0.053 min  
Response: 404442  
Conc: 2.65 ng/ml



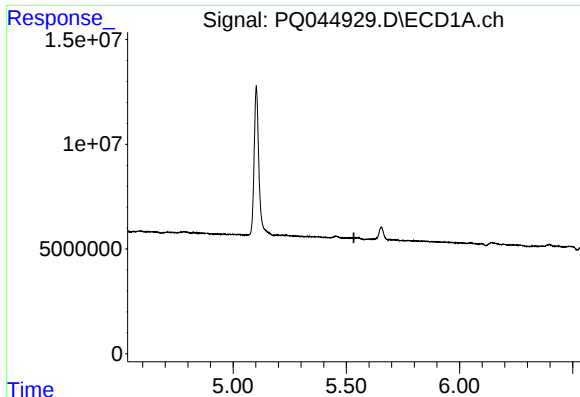
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.446 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

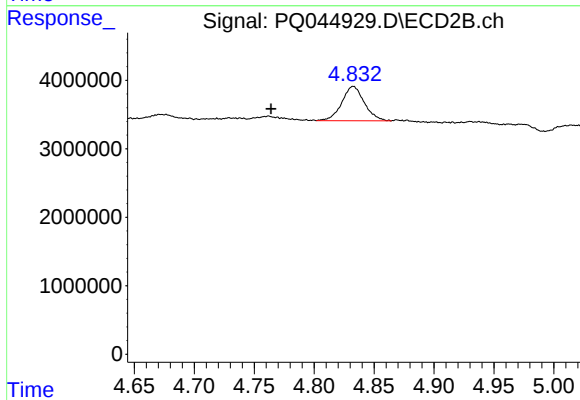
R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 1497399  
Conc: 37.93 ng/ml



#10 AR-1221-3

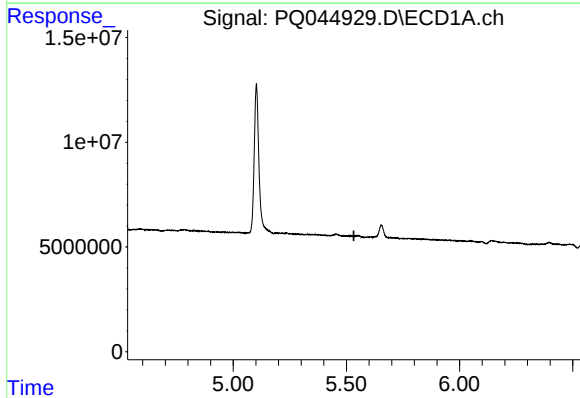
R.T.: 0.000 min  
Exp R.T.: 5.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



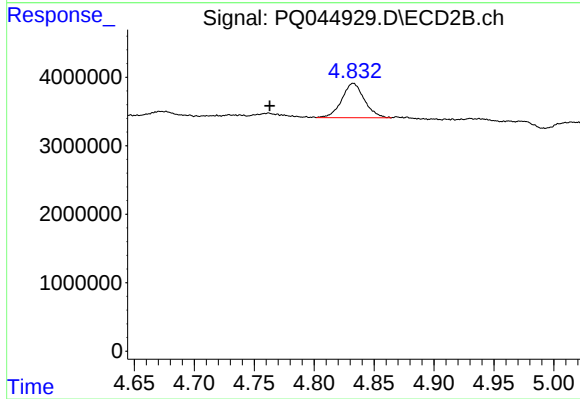
#10 AR-1221-3

R.T.: 4.833 min  
Delta R.T.: 0.069 min  
Response: 6553937  
Conc: 50.14 ng/ml



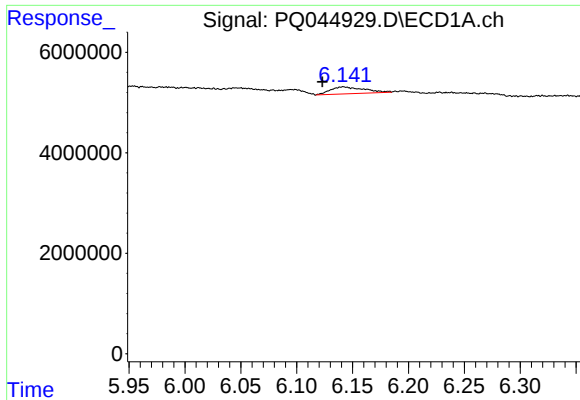
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 5.533 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

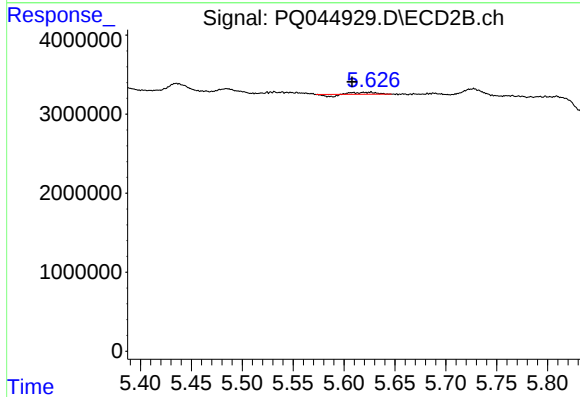
R.T.: 4.833 min  
Delta R.T.: 0.070 min  
Response: 6553937  
Conc: 56.82 ng/ml



#12 AR-1232-2

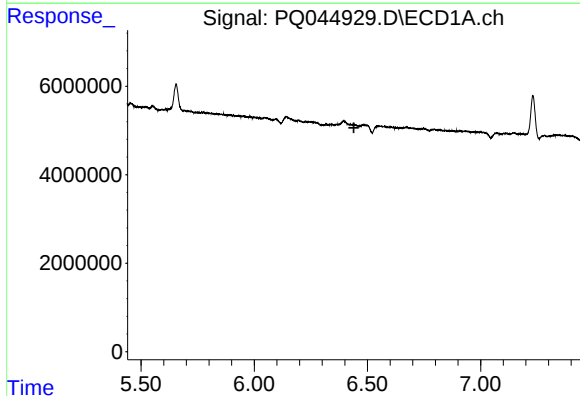
R.T.: 6.142 min  
Delta R.T.: 0.018 min  
Response: 2895926  
Conc: 32.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



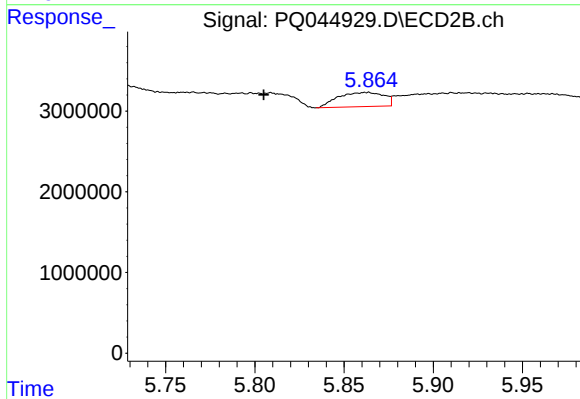
#12 AR-1232-2

R.T.: 5.626 min  
Delta R.T.: 0.018 min  
Response: 204626  
Conc: 1.65 ng/ml



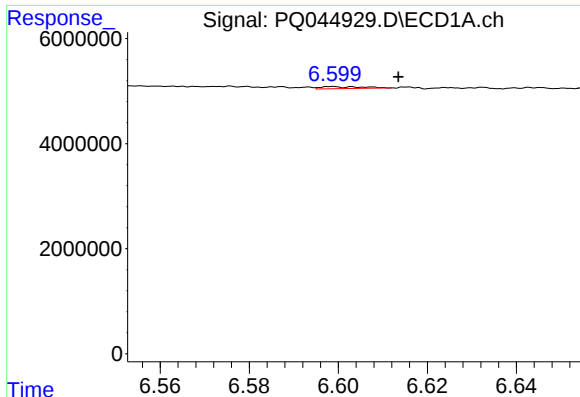
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 6.440 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

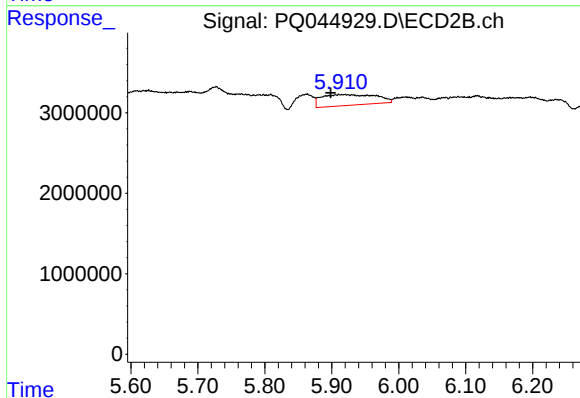
R.T.: 5.863 min  
Delta R.T.: 0.058 min  
Response: 3151998  
Conc: 53.23 ng/ml



#14 AR-1232-4

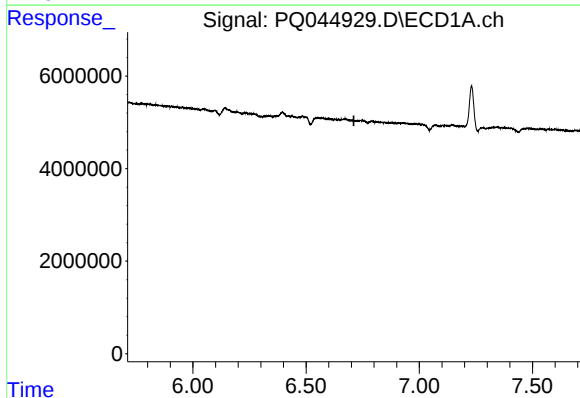
R.T.: 6.599 min  
Delta R.T.: -0.015 min  
Response: 254378  
Conc: 2.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



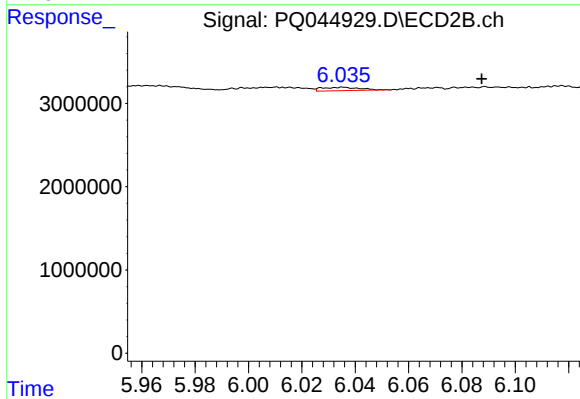
#14 AR-1232-4

R.T.: 5.911 min  
Delta R.T.: 0.012 min  
Response: 7577939  
Conc: 126.06 ng/ml



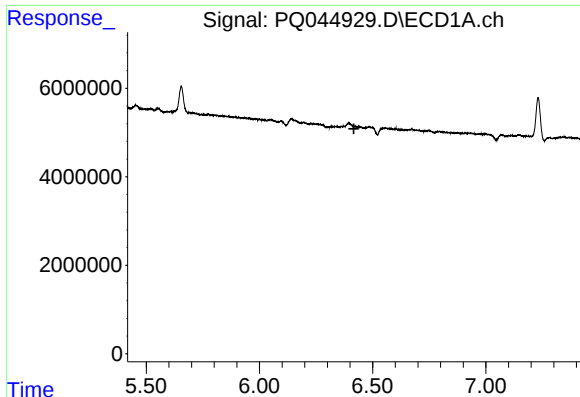
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.711 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

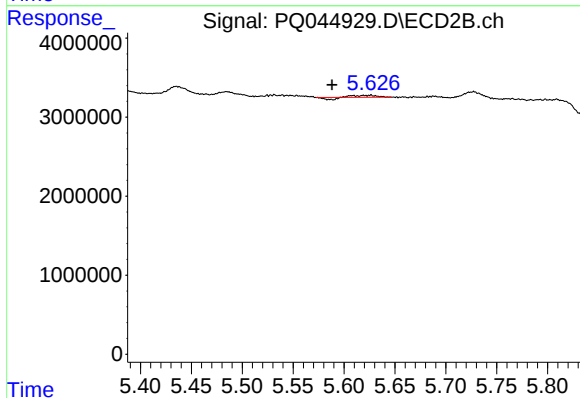
R.T.: 6.035 min  
Delta R.T.: -0.052 min  
Response: 404442  
Conc: 5.55 ng/ml



#16 AR-1242-1

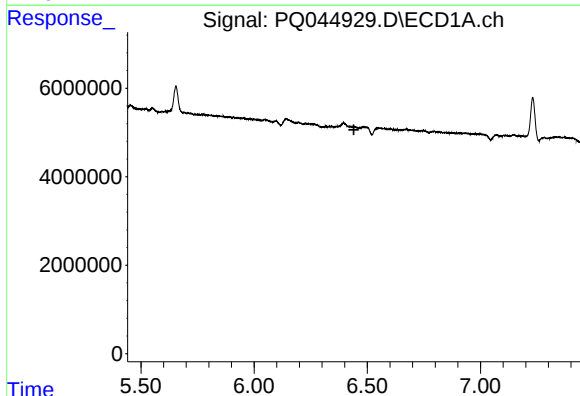
R.T.: 0.000 min  
Exp R.T.: 6.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



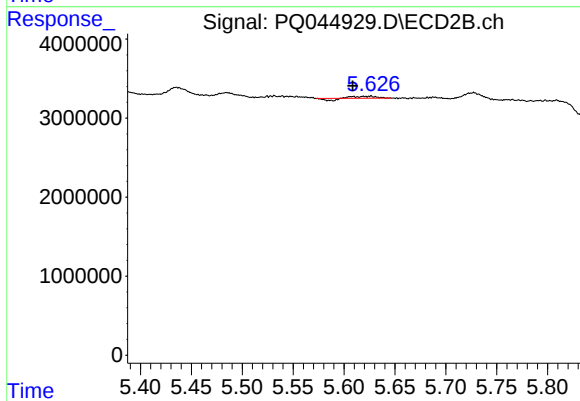
#16 AR-1242-1

R.T.: 5.626 min  
Delta R.T.: 0.038 min  
Response: 204626  
Conc: 1.31 ng/ml



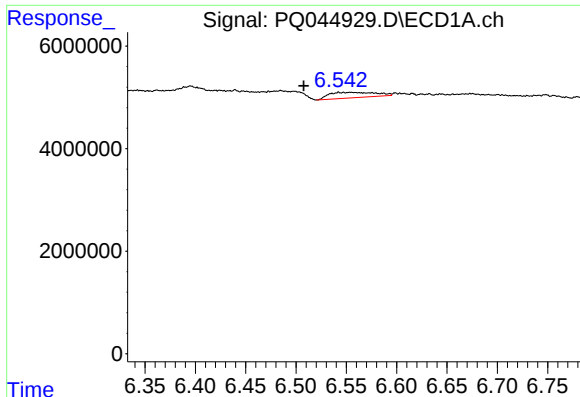
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 6.441 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

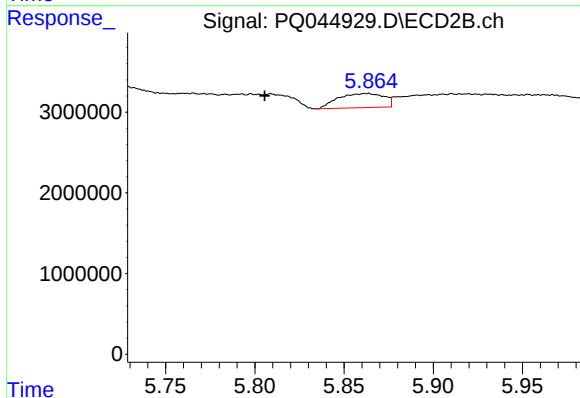
R.T.: 5.626 min  
Delta R.T.: 0.018 min  
Response: 204626  
Conc: 0.91 ng/ml



#18 AR-1242-3

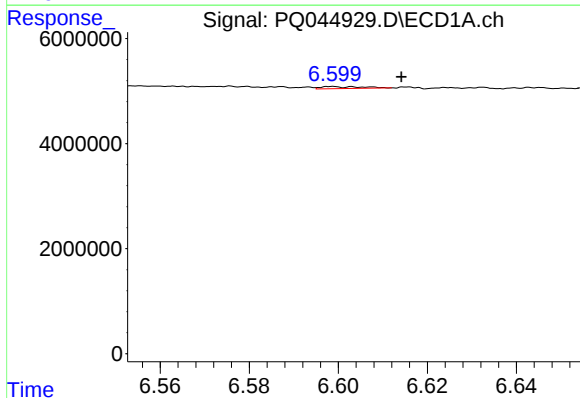
R.T.: 6.542 min  
Delta R.T.: 0.035 min  
Response: 3410268  
Conc: 17.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



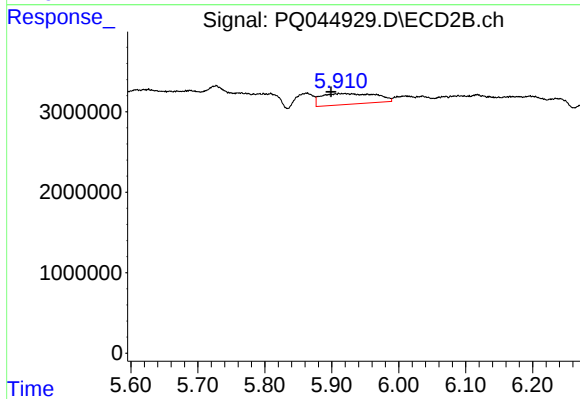
#18 AR-1242-3

R.T.: 5.863 min  
Delta R.T.: 0.057 min  
Response: 3151998  
Conc: 28.36 ng/ml



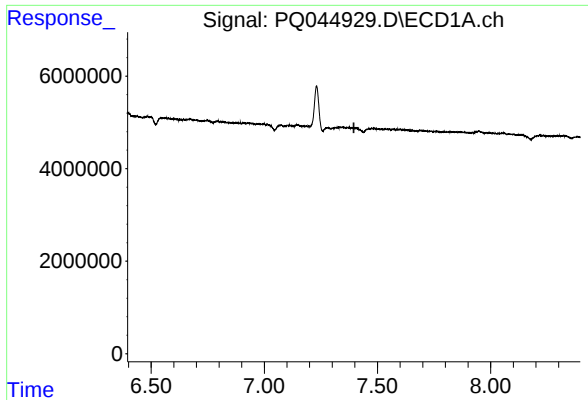
#19 AR-1242-4

R.T.: 6.599 min  
Delta R.T.: -0.015 min  
Response: 254378  
Conc: 1.58 ng/ml



#19 AR-1242-4

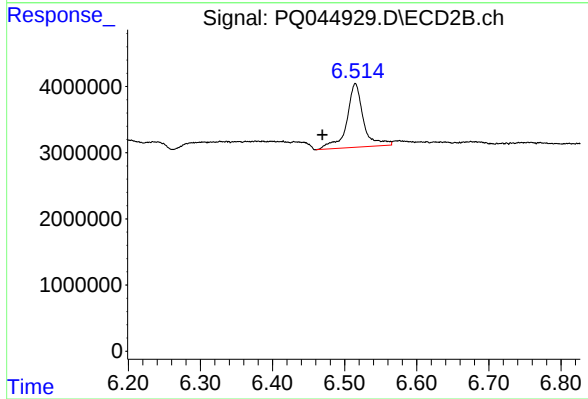
R.T.: 5.911 min  
Delta R.T.: 0.012 min  
Response: 7577939  
Conc: 63.55 ng/ml



#20 AR-1242-5

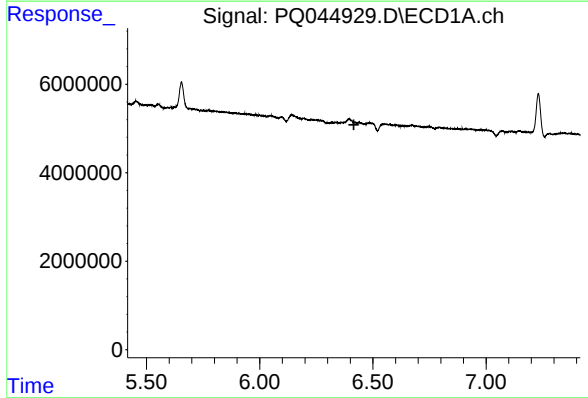
R.T.: 0.000 min  
Exp R.T. : 7.396 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



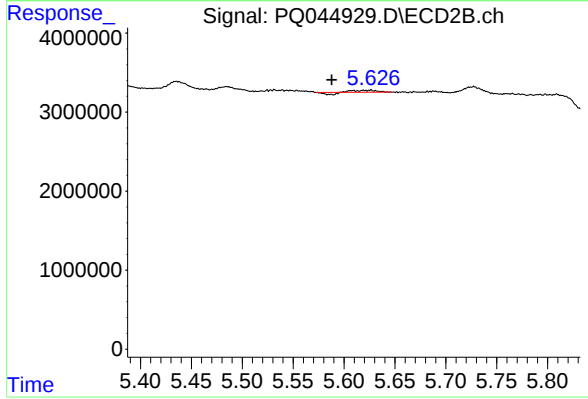
#20 AR-1242-5

R.T.: 6.515 min  
Delta R.T.: 0.046 min  
Response: 15420552  
Conc: 93.91 ng/ml



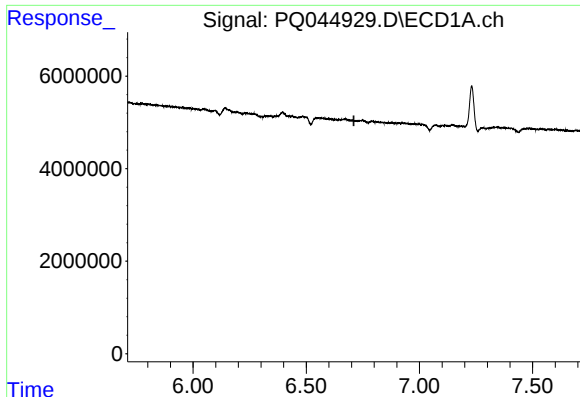
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 6.416 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

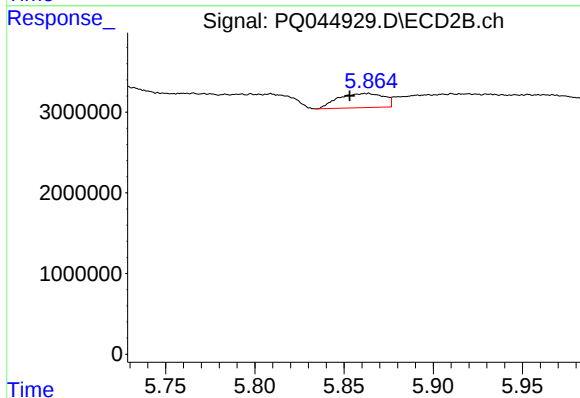
R.T.: 5.626 min  
Delta R.T.: 0.039 min  
Response: 204626  
Conc: 1.64 ng/ml



#22 AR-1248-2

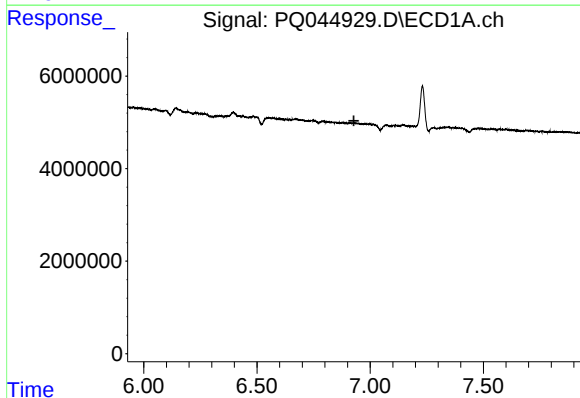
R.T.: 0.000 min  
Exp R.T.: 6.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



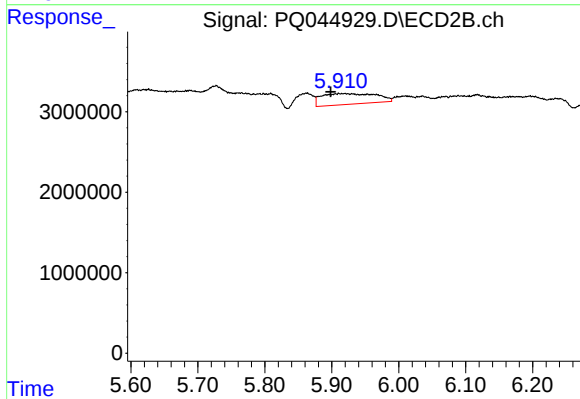
#22 AR-1248-2

R.T.: 5.863 min  
Delta R.T.: 0.010 min  
Response: 3151998  
Conc: 18.52 ng/ml



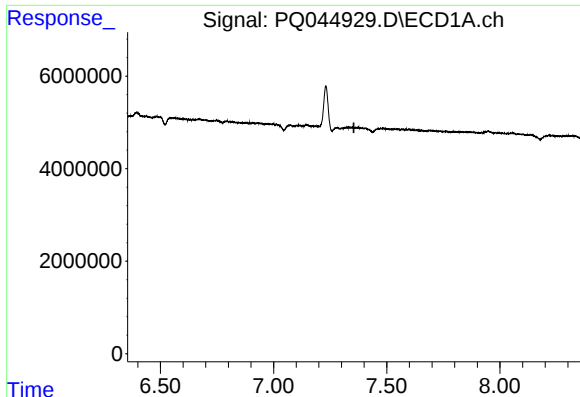
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.928 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

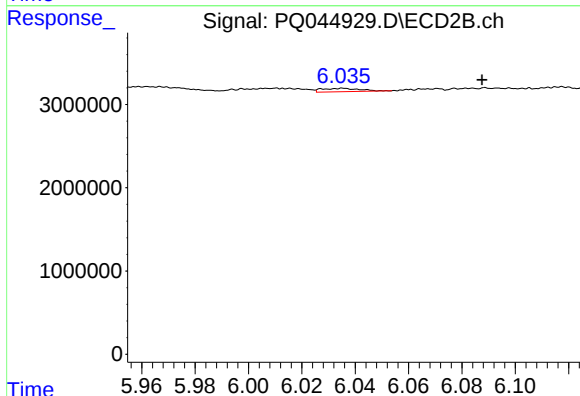
R.T.: 5.911 min  
Delta R.T.: 0.012 min  
Response: 7577939  
Conc: 42.37 ng/ml



#24 AR-1248-4

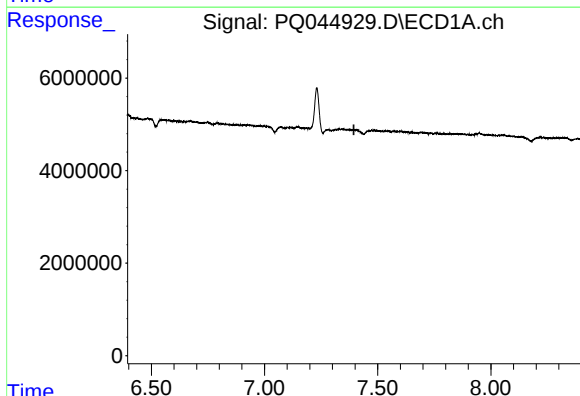
R.T.: 0.000 min  
Exp R.T.: 7.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



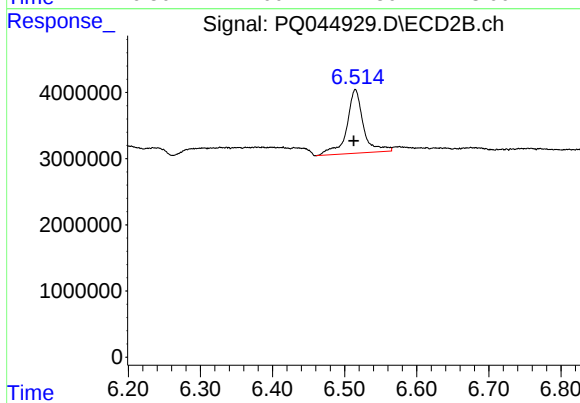
#24 AR-1248-4

R.T.: 6.035 min  
Delta R.T.: -0.052 min  
Response: 404442  
Conc: 1.86 ng/ml



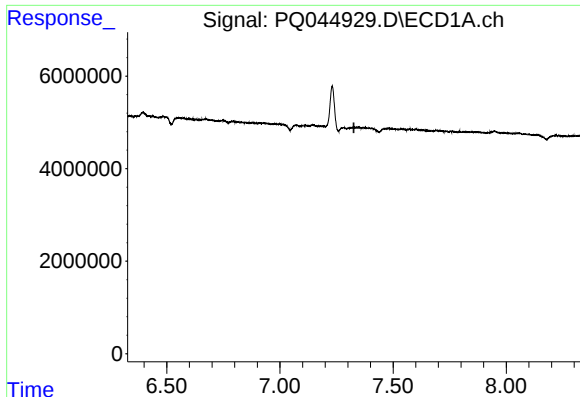
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 7.395 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

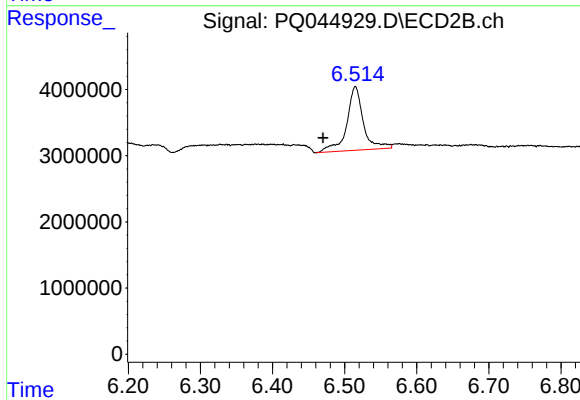
R.T.: 6.515 min  
Delta R.T.: 0.002 min  
Response: 15420552  
Conc: 69.15 ng/ml



#26 AR-1254-1

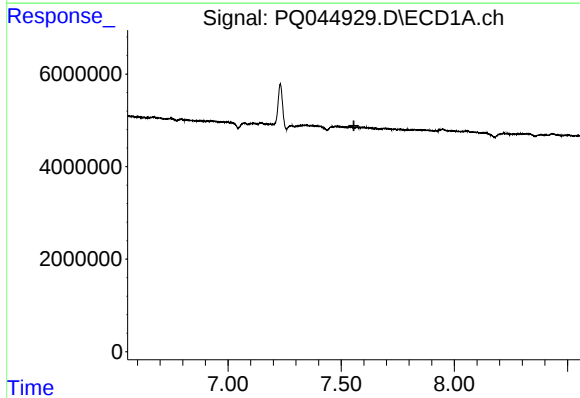
R.T.: 0.000 min  
Exp R.T.: 7.327 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



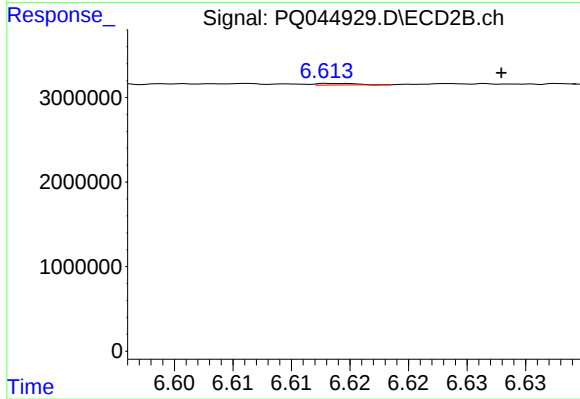
#26 AR-1254-1

R.T.: 6.515 min  
Delta R.T.: 0.045 min  
Response: 15420552  
Conc: 42.39 ng/ml



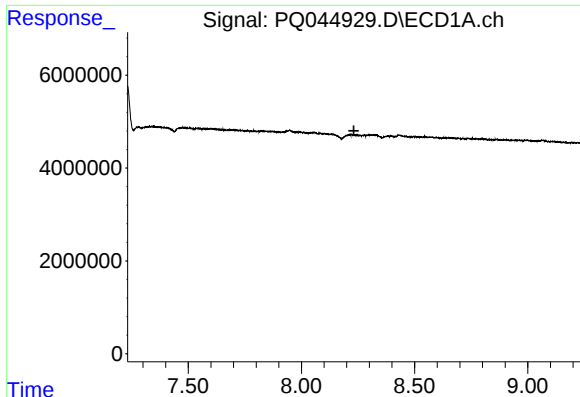
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 7.556 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

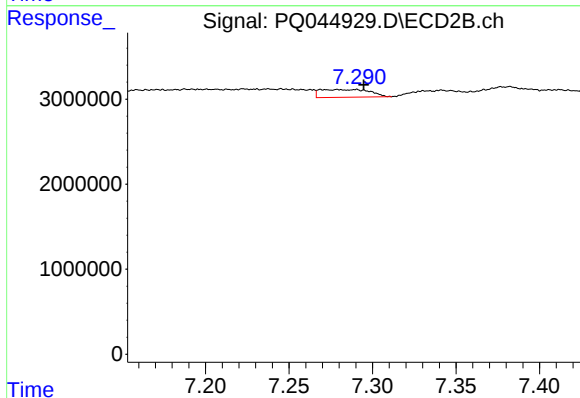
R.T.: 6.614 min  
Delta R.T.: -0.014 min  
Response: 41679  
Conc: 0.13 ng/ml



#29 AR-1254-4

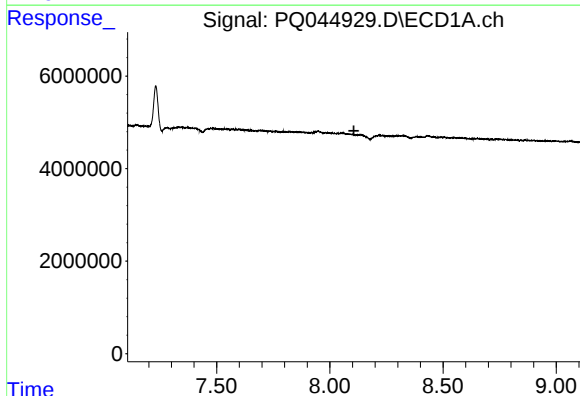
R.T.: 0.000 min  
Exp R.T.: 8.232 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



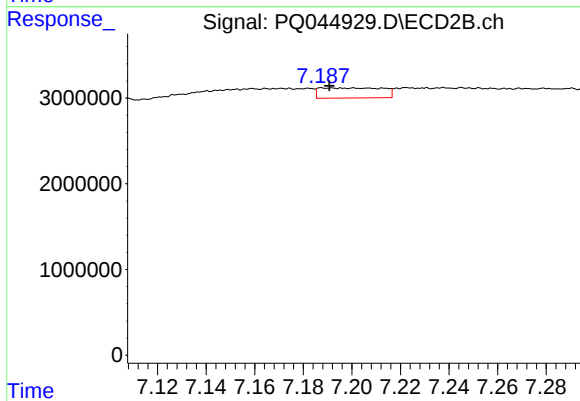
#29 AR-1254-4

R.T.: 7.290 min  
Delta R.T.: -0.005 min  
Response: 1861923  
Conc: 5.21 ng/ml



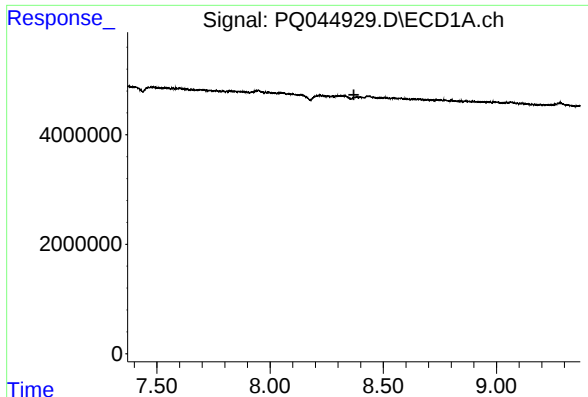
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 8.106 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

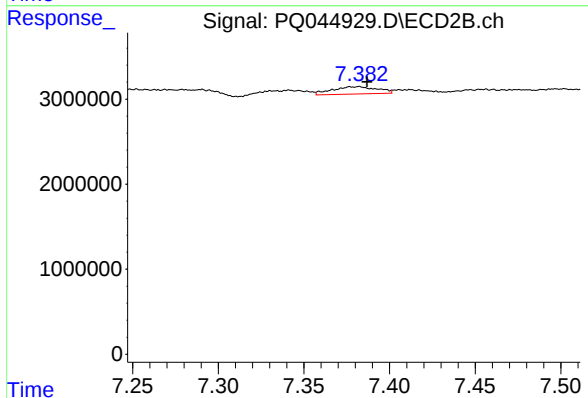
R.T.: 7.192 min  
Delta R.T.: 0.001 min  
Response: 2112670  
Conc: 6.90 ng/ml



#32 AR-1260-2

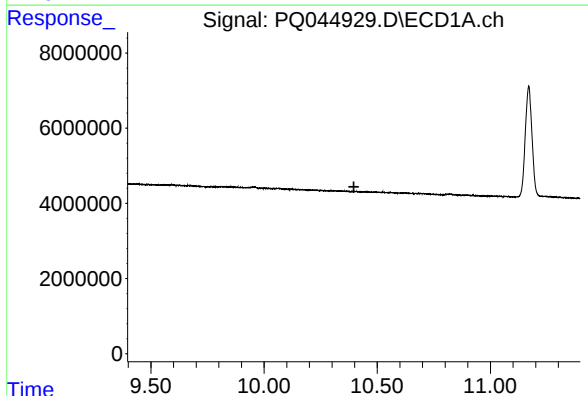
R.T.: 0.000 min  
Exp R.T.: 8.370 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



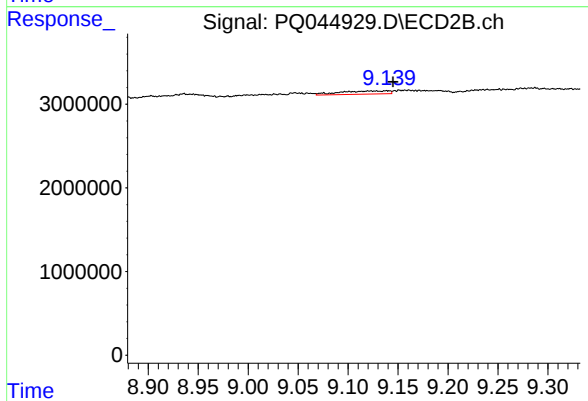
#32 AR-1260-2

R.T.: 7.382 min  
Delta R.T.: -0.005 min  
Response: 1568968  
Conc: 3.97 ng/ml



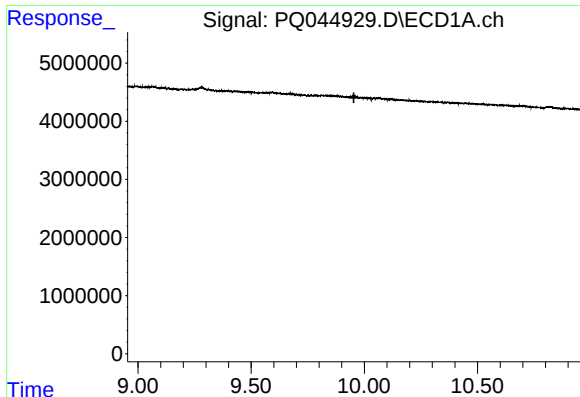
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 10.397 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

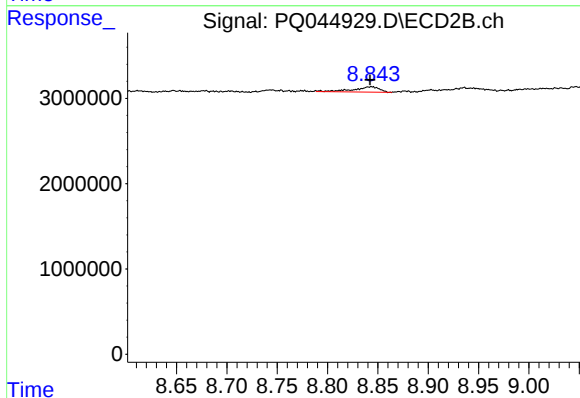
R.T.: 9.139 min  
Delta R.T.: -0.007 min  
Response: 1286188  
Conc: 3.69 ng/ml



#43 AR-1268-3

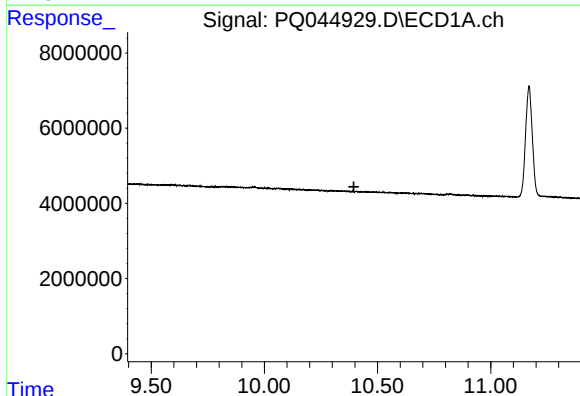
R.T.: 0.000 min  
Exp R.T. : 9.954 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



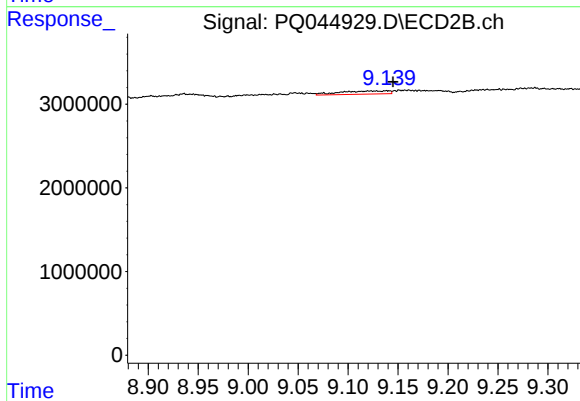
#43 AR-1268-3

R.T.: 8.844 min  
Delta R.T.: 0.001 min  
Response: 1124812  
Conc: 1.21 ng/ml



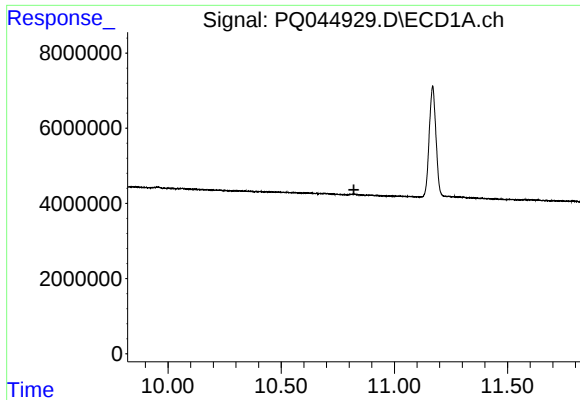
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 10.395 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

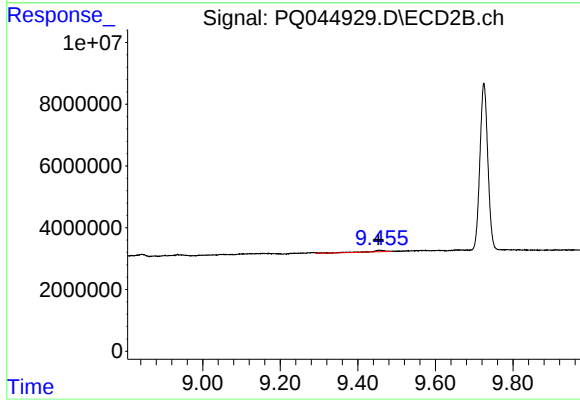
R.T.: 9.139 min  
Delta R.T.: -0.006 min  
Response: 1286188  
Conc: 3.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.821 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.456 min  
Delta R.T.: 0.003 min  
Response: 1171962  
Conc: 0.39 ng/ml