

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100621\  
 Data File : PQ054856.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2021 19:31  
 Operator : AJ\MA  
 Sample : M4059-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 07 00:43:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ091421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 15 05:25:53 2021  
 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... | 5.197  | 4.206  | 479.3E6  | 247.8E6  | 20.072  | 18.742    |
| 2)                          | SA Decachlor... | 11.354 | 9.525  | 348.7E6  | 276.4E6  | 20.660  | 20.395    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.742  | 0        | 7954037  | N.D.    | 28.638 #  |
| 9)                          | L2 AR-1221-2    | 5.553  | 4.541f | 11009873 | 19702842 | 57.597  | 206.795 # |
| 12)                         | L3 AR-1232-2    | 6.226  | 0.000  | 33390919 | 0        | 117.967 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.805  | 0.000  | 5037384  | 0        | 24.914  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.333  | 0        | 5734354  | N.D.    | 16.140 #  |
| 22)                         | L5 AR-1248-2    | 6.805  | 5.742  | 5037384  | 7954037  | 7.754   | 22.332 #  |
| 24)                         | L5 AR-1248-4    | 7.461  | 0.000  | 6080484  | 0        | 7.686   | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.427  | 6.333  | 8871302  | 5734354  | 10.184  | 7.527 #   |
| 27)                         | L6 AR-1254-2    | 7.654  | 6.490  | 20810608 | 11366445 | 15.558  | 16.243    |
| 28)                         | L6 AR-1254-3    | 8.039  | 6.910  | 34154263 | 30125887 | 24.523  | 27.327    |
| 29)                         | L6 AR-1254-4    | 8.336  | 7.150  | 36015392 | 29100659 | 33.807  | 38.487    |
| 30)                         | L6 AR-1254-5    | 8.760  | 7.576  | 93299831 | 102.7E6  | 81.181  | 92.776    |
| 31)                         | L7 AR-1260-1    | 8.203  | 7.046  | 17972972 | 18661348 | 18.111  | 24.849 #  |
| 32)                         | L7 AR-1260-2    | 8.465  | 7.243  | 51224985 | 30471813 | 43.532  | 29.444 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.397  | 0        | 56000942 | N.D.    | 63.339 #  |
| 34)                         | L7 AR-1260-4    | 9.069  | 7.879  | 20432045 | 5811524  | 21.874  | 8.399 #   |
| 35)                         | L7 AR-1260-5    | 9.415  | 8.125  | 9414224  | 11681476 | 5.107   | 6.112     |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.576  | 0        | 102.7E6  | N.D.    | 198.726 # |
| 37)                         | L8 AR-1262-2    | 9.415  | 8.125  | 9414224  | 11681476 | 4.341   | 5.274     |
| 38)                         | L8 AR-1262-3    | 9.774f | 8.412  | 7022518  | 14769775 | 7.884   | 16.646 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.474  | 0        | 33700168 | N.D.    | 22.159 #  |
| 41)                         | L9 AR-1268-1    | 9.774f | 8.412  | 7022518  | 14769775 | 2.800   | 5.442 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.474  | 0        | 33700168 | N.D.    | 14.628 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.681  | 0        | 15375002 | N.D.    | 7.629 #   |
| -----                       |                 |        |        |          |          |         |           |

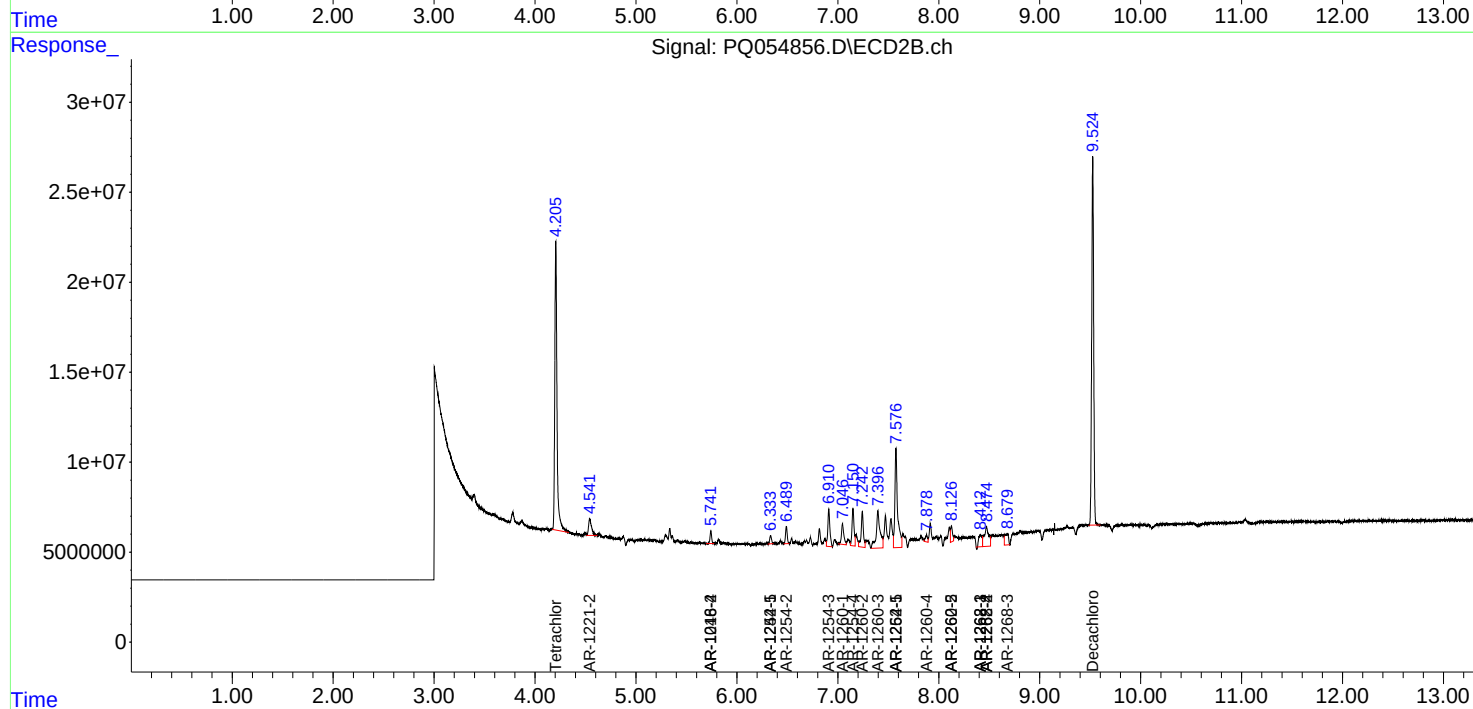
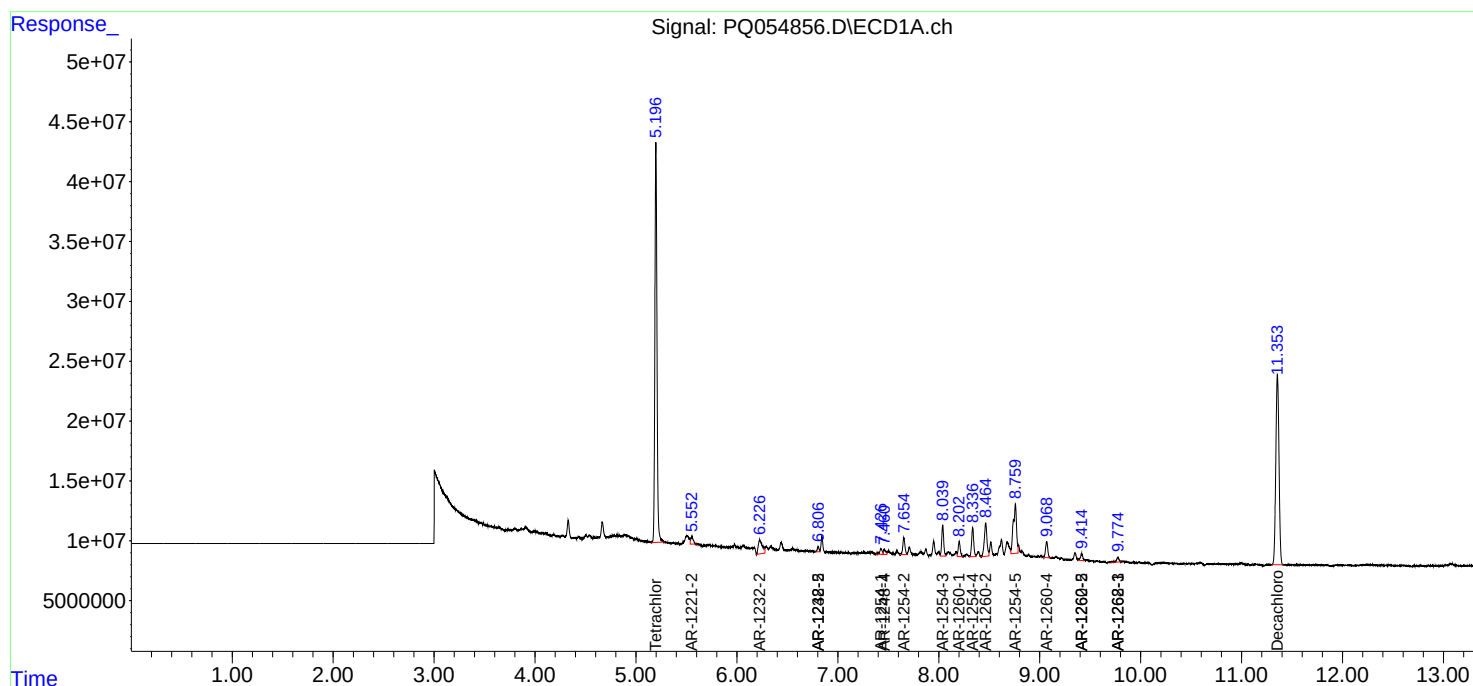
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

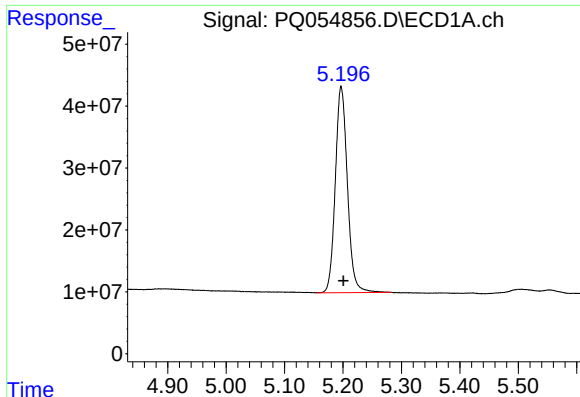
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100621\  
Data File : PQ054856.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2021 19:31  
Operator : AJ\MA  
Sample : M4059-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 07 00:43:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ091421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 15 05:25:53 2021  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

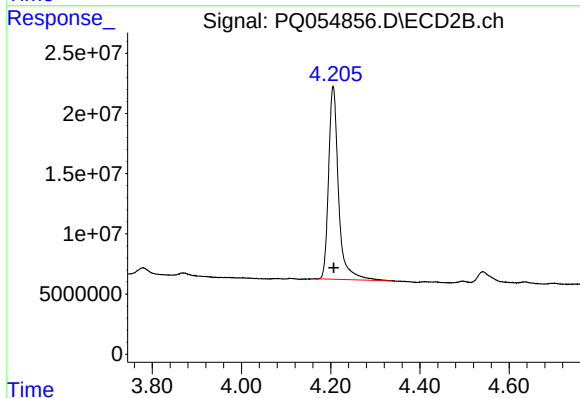




#1 Tetrachloro-m-xylene

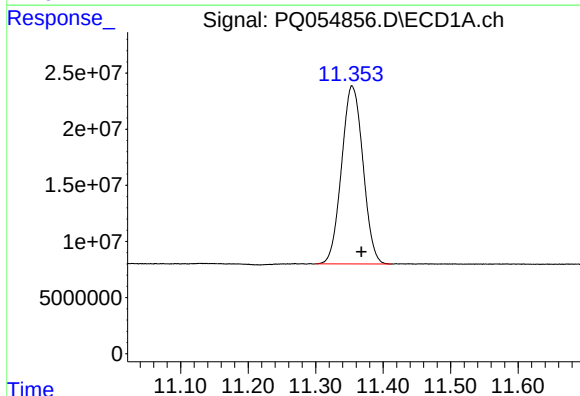
R.T.: 5.197 min  
Delta R.T.: -0.004 min  
Response: 479342088  
Conc: 20.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



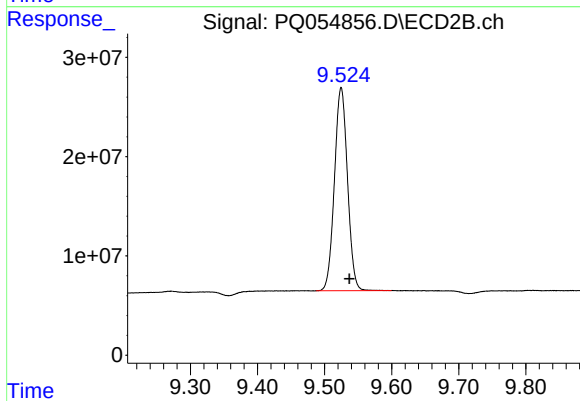
#1 Tetrachloro-m-xylene

R.T.: 4.206 min  
Delta R.T.: -0.001 min  
Response: 247769828  
Conc: 18.74 ng/ml



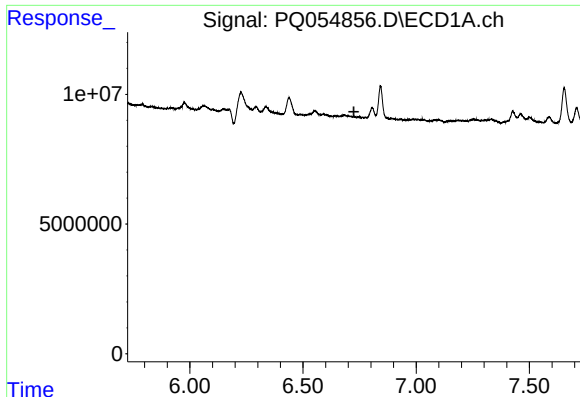
#2 Decachlorobiphenyl

R.T.: 11.354 min  
Delta R.T.: -0.014 min  
Response: 348699308  
Conc: 20.66 ng/ml



#2 Decachlorobiphenyl

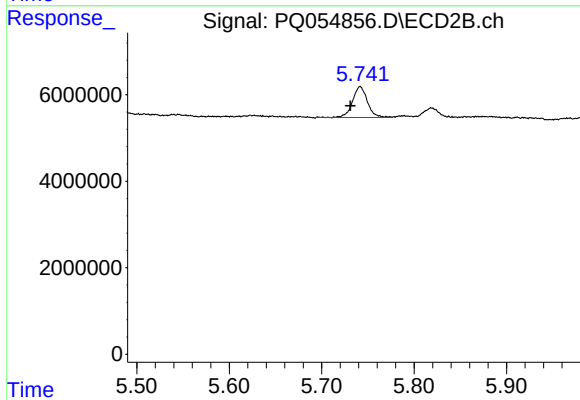
R.T.: 9.525 min  
Delta R.T.: -0.012 min  
Response: 276392801  
Conc: 20.39 ng/ml



#6 AR-1016-4

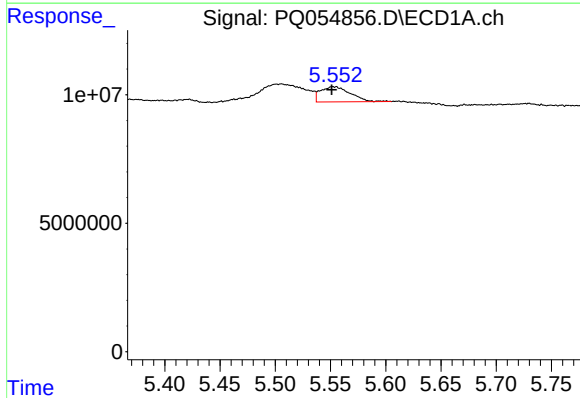
R.T.: 0.000 min  
Exp R.T.: 6.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



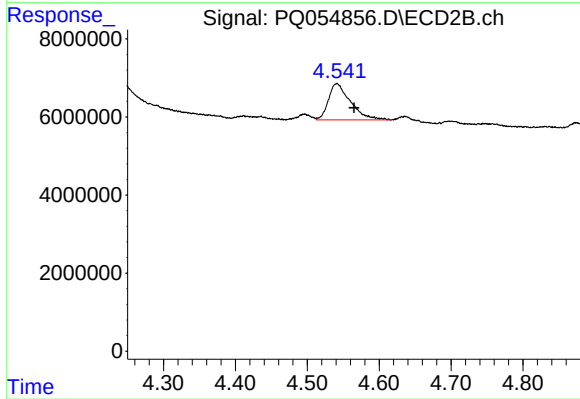
#6 AR-1016-4

R.T.: 5.742 min  
Delta R.T.: 0.011 min  
Response: 7954037  
Conc: 28.64 ng/ml



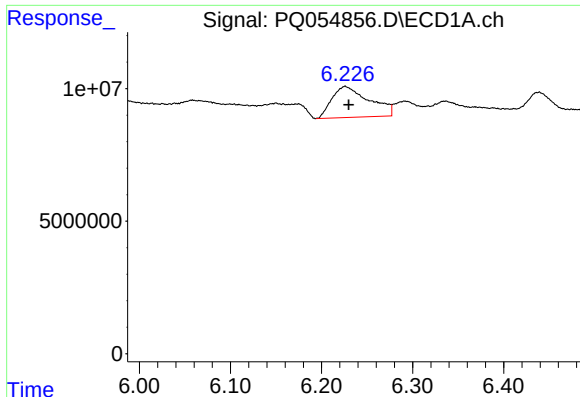
#9 AR-1221-2

R.T.: 5.553 min  
Delta R.T.: 0.002 min  
Response: 11009873  
Conc: 57.60 ng/ml



#9 AR-1221-2

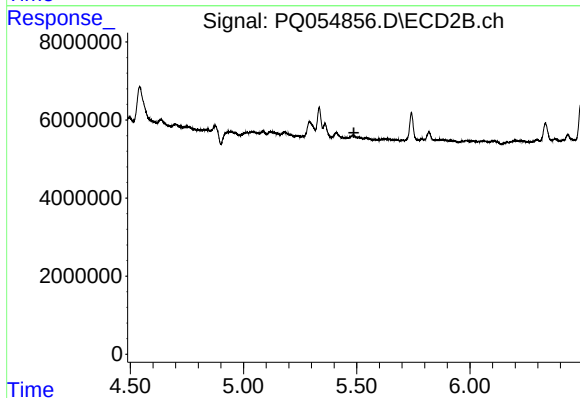
R.T.: 4.541 min  
Delta R.T.: -0.024 min  
Response: 19702842  
Conc: 206.79 ng/ml



#12 AR-1232-2

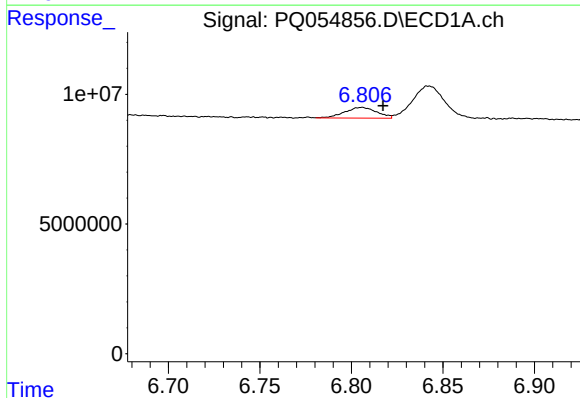
R.T.: 6.226 min  
Delta R.T.: -0.004 min  
Response: 33390919  
Conc: 117.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



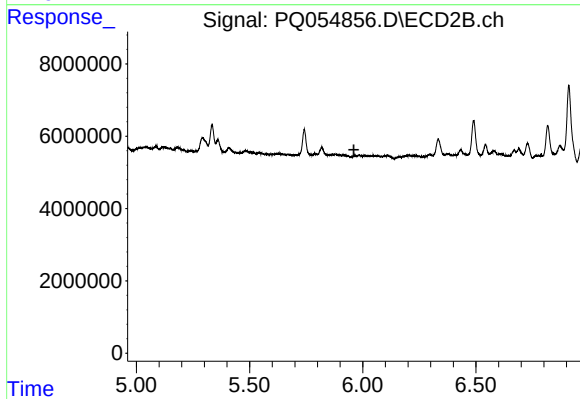
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.487 min  
Response: 0  
Conc: N.D.



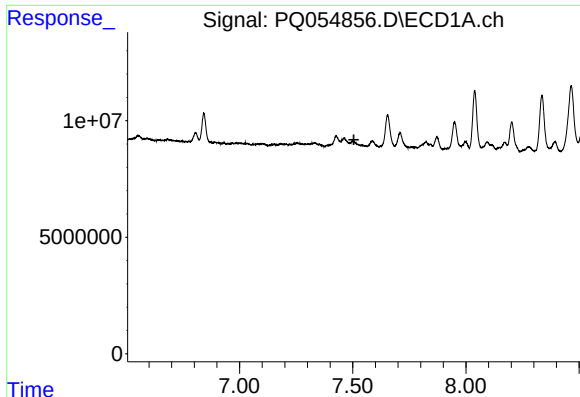
#15 AR-1232-5

R.T.: 6.805 min  
Delta R.T.: -0.012 min  
Response: 5037384  
Conc: 24.91 ng/ml



#15 AR-1232-5

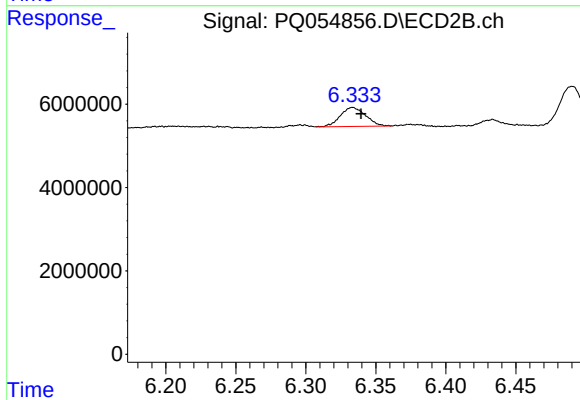
R.T.: 0.000 min  
Exp R.T. : 5.961 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

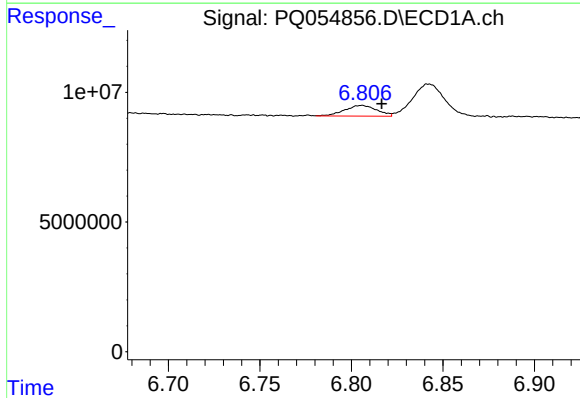
R.T.: 0.000 min  
Exp R.T.: 7.505 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



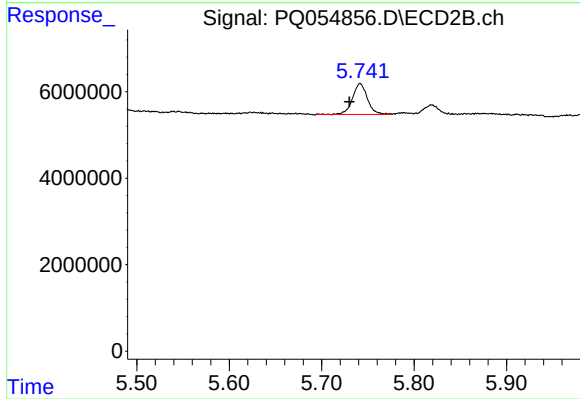
#20 AR-1242-5

R.T.: 6.333 min  
Delta R.T.: -0.006 min  
Response: 5734354  
Conc: 16.14 ng/ml



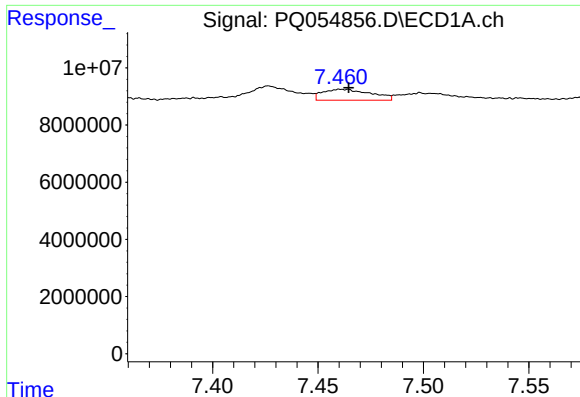
#22 AR-1248-2

R.T.: 6.805 min  
Delta R.T.: -0.011 min  
Response: 5037384  
Conc: 7.75 ng/ml



#22 AR-1248-2

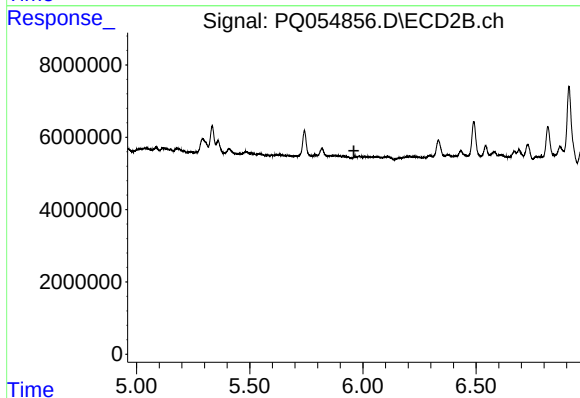
R.T.: 5.742 min  
Delta R.T.: 0.012 min  
Response: 7954037  
Conc: 22.33 ng/ml



#24 AR-1248-4

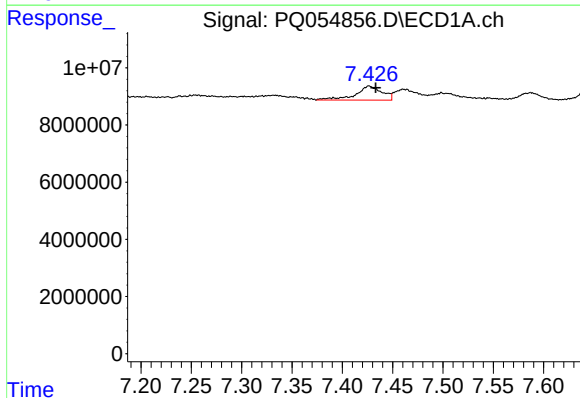
R.T.: 7.461 min  
Delta R.T.: -0.003 min  
Response: 6080484  
Conc: 7.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



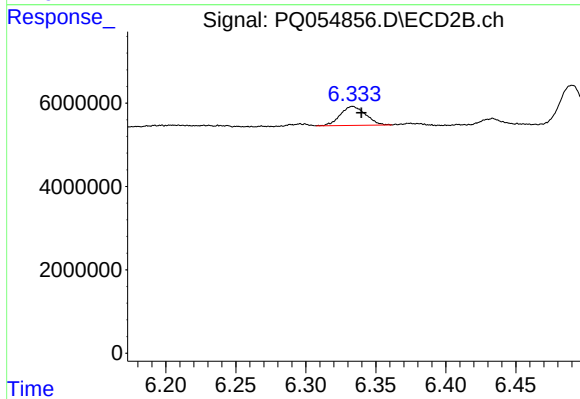
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.960 min  
Response: 0  
Conc: N.D.



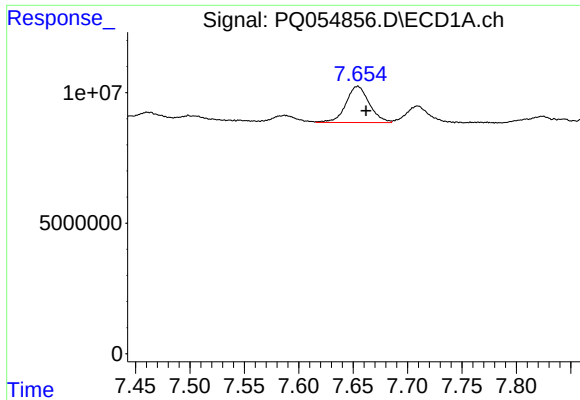
#26 AR-1254-1

R.T.: 7.427 min  
Delta R.T.: -0.006 min  
Response: 8871302  
Conc: 10.18 ng/ml



#26 AR-1254-1

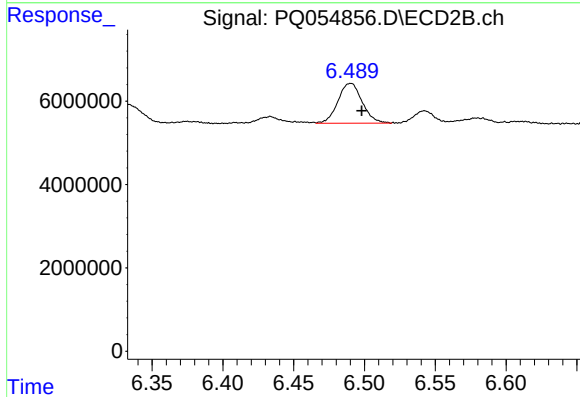
R.T.: 6.333 min  
Delta R.T.: -0.006 min  
Response: 5734354  
Conc: 7.53 ng/ml



#27 AR-1254-2

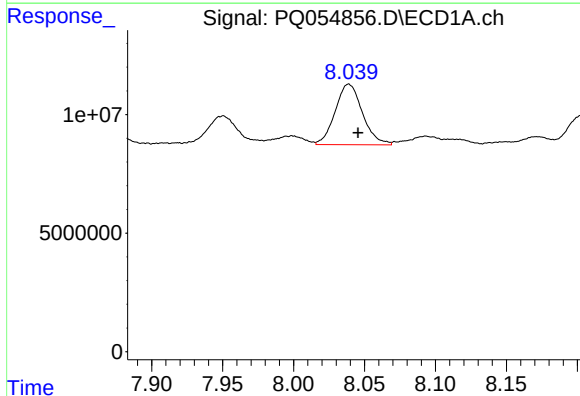
R.T.: 7.654 min  
Delta R.T.: -0.008 min  
Response: 20810608  
Conc: 15.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



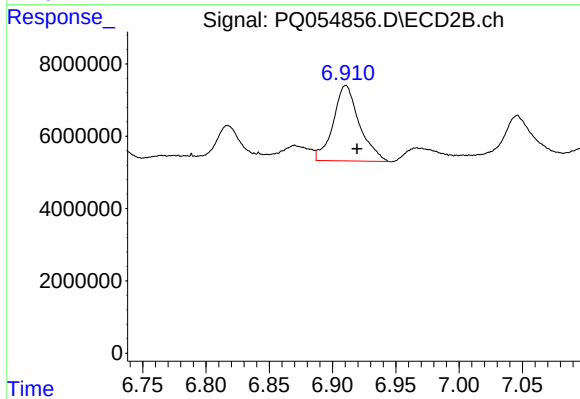
#27 AR-1254-2

R.T.: 6.490 min  
Delta R.T.: -0.008 min  
Response: 11366445  
Conc: 16.24 ng/ml



#28 AR-1254-3

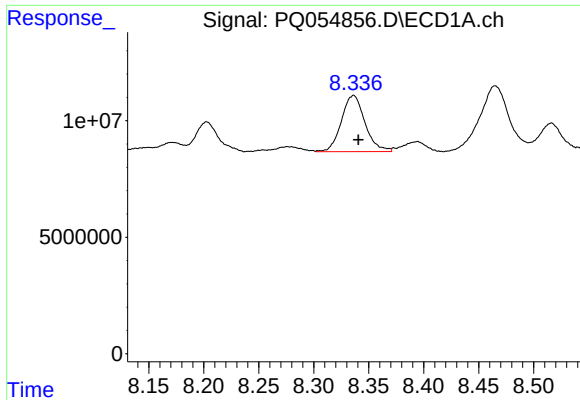
R.T.: 8.039 min  
Delta R.T.: -0.007 min  
Response: 34154263  
Conc: 24.52 ng/ml



#28 AR-1254-3

R.T.: 6.910 min  
Delta R.T.: -0.009 min  
Response: 30125887  
Conc: 27.33 ng/ml

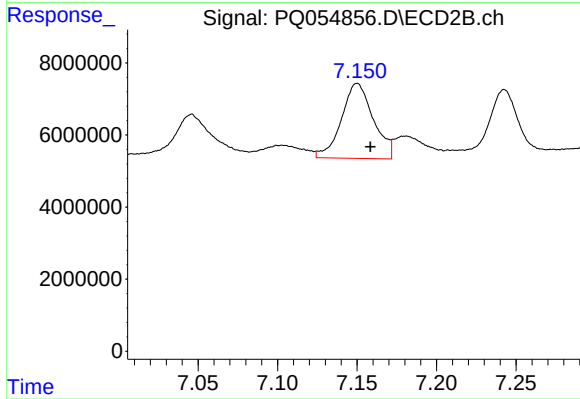




#29 AR-1254-4

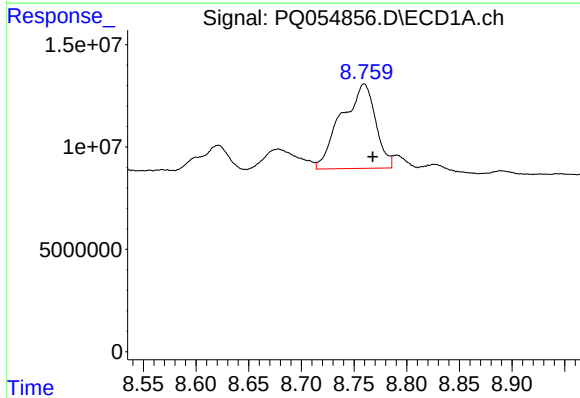
R.T.: 8.336 min  
Delta R.T.: -0.005 min  
Response: 36015392  
Conc: 33.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



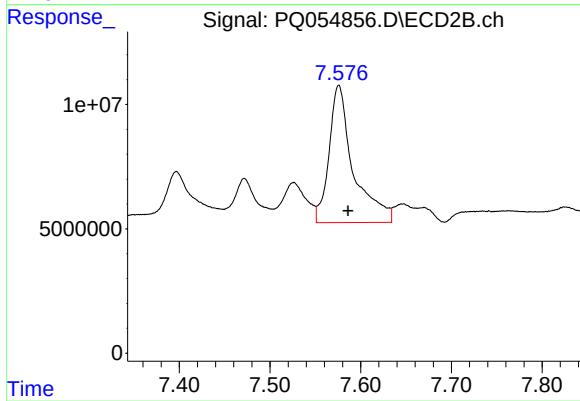
#29 AR-1254-4

R.T.: 7.150 min  
Delta R.T.: -0.008 min  
Response: 29100659  
Conc: 38.49 ng/ml



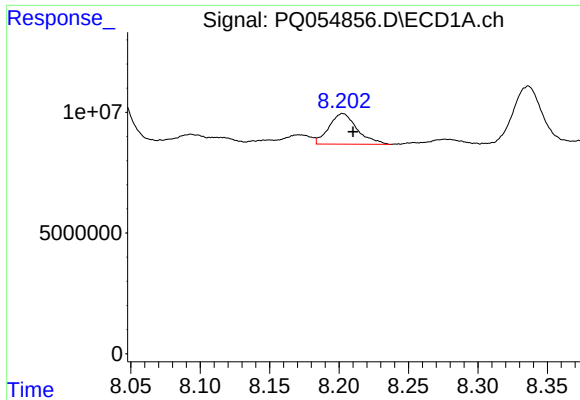
#30 AR-1254-5

R.T.: 8.760 min  
Delta R.T.: -0.008 min  
Response: 93299831  
Conc: 81.18 ng/ml



#30 AR-1254-5

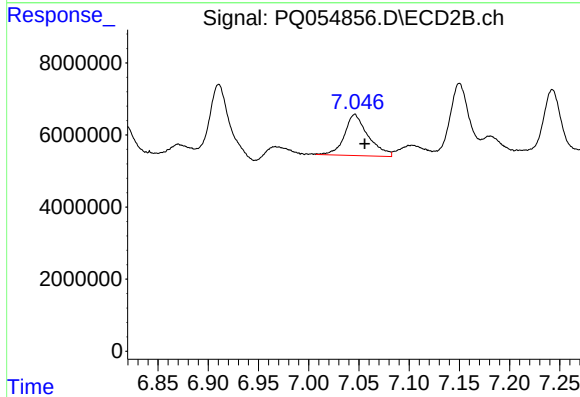
R.T.: 7.576 min  
Delta R.T.: -0.010 min  
Response: 102677607  
Conc: 92.78 ng/ml



#31 AR-1260-1

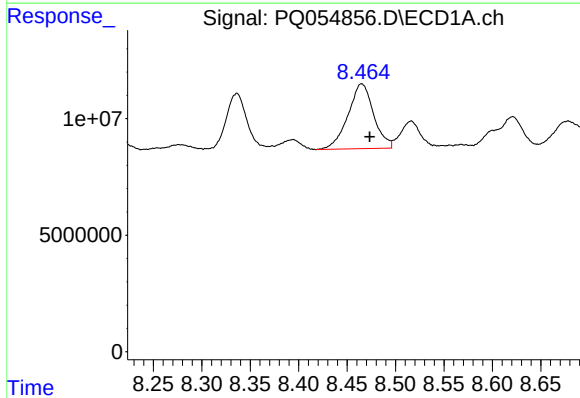
R.T.: 8.203 min  
Delta R.T.: -0.007 min  
Response: 17972972  
Conc: 18.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



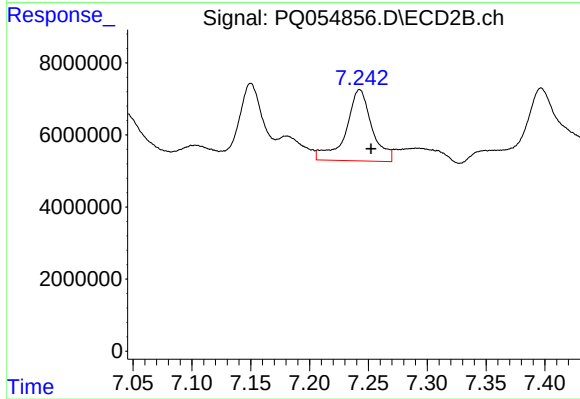
#31 AR-1260-1

R.T.: 7.046 min  
Delta R.T.: -0.010 min  
Response: 18661348  
Conc: 24.85 ng/ml



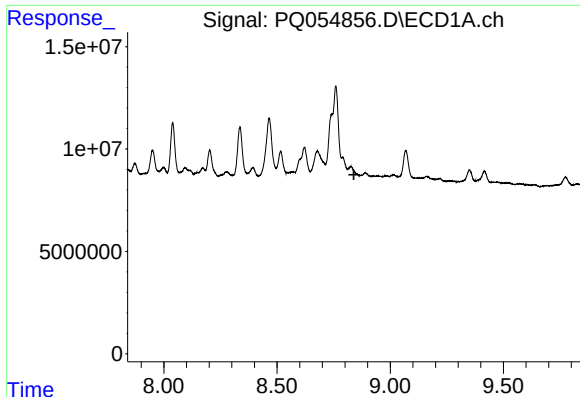
#32 AR-1260-2

R.T.: 8.465 min  
Delta R.T.: -0.008 min  
Response: 51224985  
Conc: 43.53 ng/ml



#32 AR-1260-2

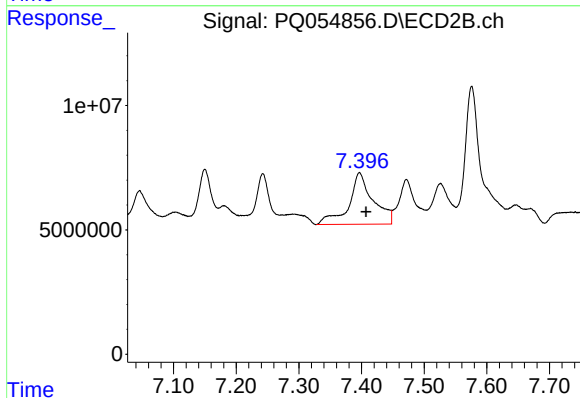
R.T.: 7.243 min  
Delta R.T.: -0.010 min  
Response: 30471813  
Conc: 29.44 ng/ml



#33 AR-1260-3

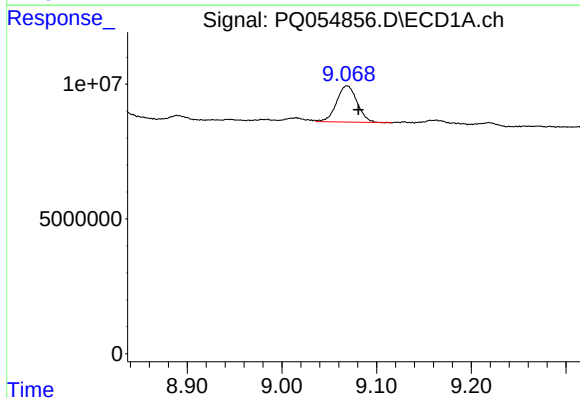
R.T.: 0.000 min  
Exp R.T.: 8.839 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



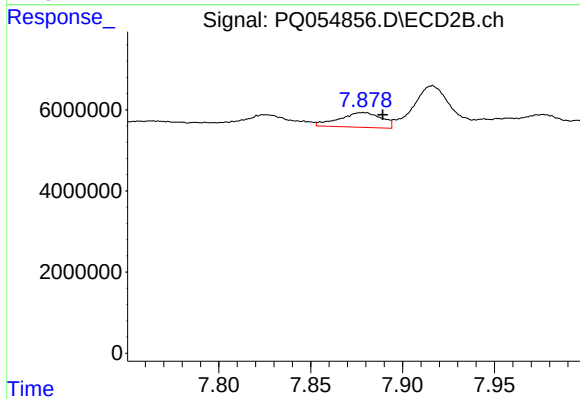
#33 AR-1260-3

R.T.: 7.397 min  
Delta R.T.: -0.011 min  
Response: 56000942  
Conc: 63.34 ng/ml



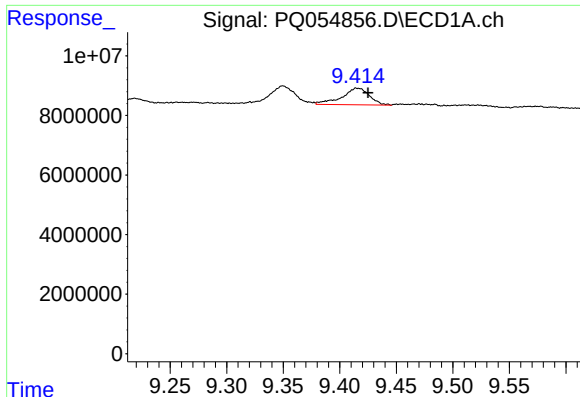
#34 AR-1260-4

R.T.: 9.069 min  
Delta R.T.: -0.012 min  
Response: 20432045  
Conc: 21.87 ng/ml



#34 AR-1260-4

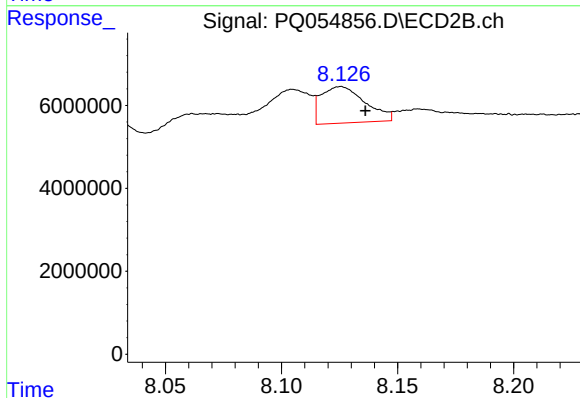
R.T.: 7.879 min  
Delta R.T.: -0.011 min  
Response: 5811524  
Conc: 8.40 ng/ml



#35 AR-1260-5

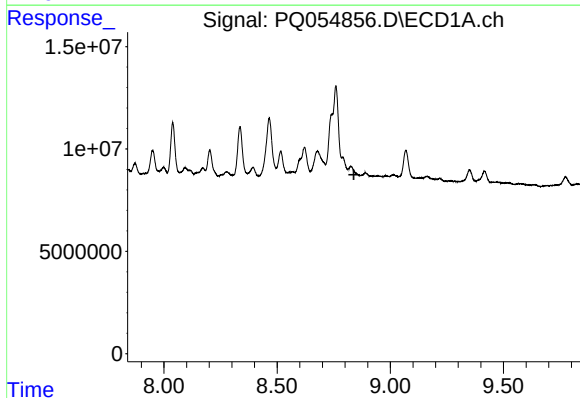
R.T.: 9.415 min  
Delta R.T.: -0.010 min  
Response: 9414224  
Conc: 5.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



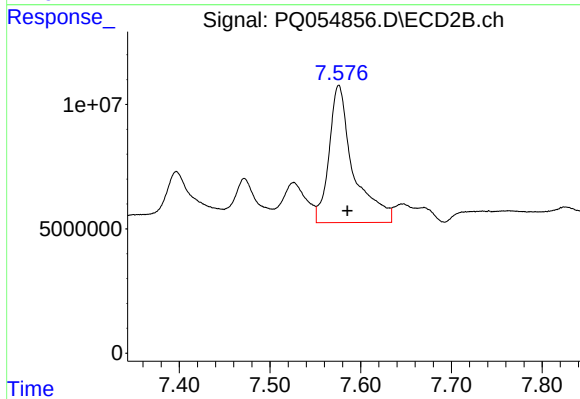
#35 AR-1260-5

R.T.: 8.125 min  
Delta R.T.: -0.011 min  
Response: 11681476  
Conc: 6.11 ng/ml



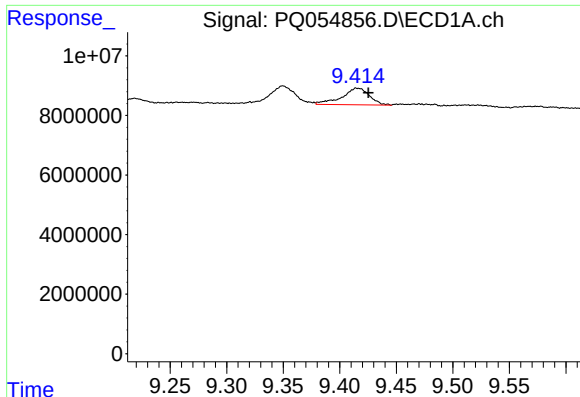
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.839 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

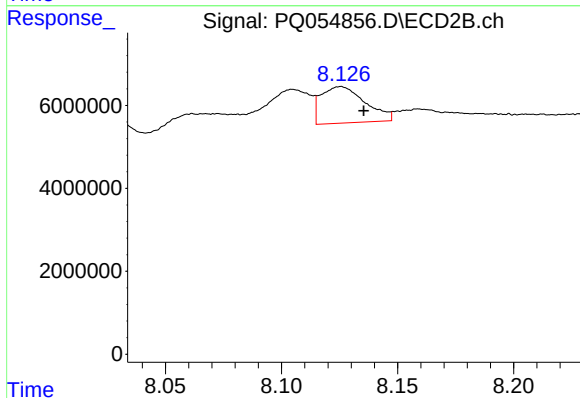
R.T.: 7.576 min  
Delta R.T.: -0.009 min  
Response: 102677607  
Conc: 198.73 ng/ml



#37 AR-1262-2

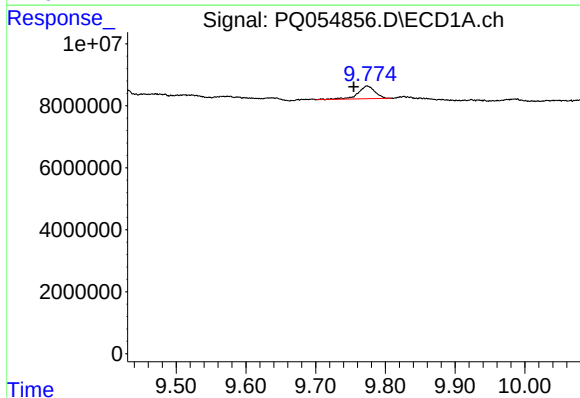
R.T.: 9.415 min  
Delta R.T.: -0.010 min  
Response: 9414224  
Conc: 4.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



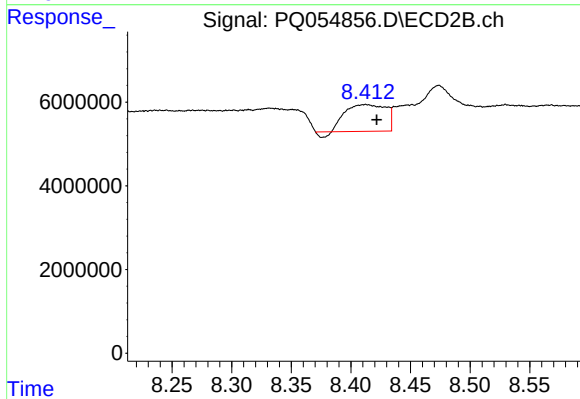
#37 AR-1262-2

R.T.: 8.125 min  
Delta R.T.: -0.010 min  
Response: 11681476  
Conc: 5.27 ng/ml



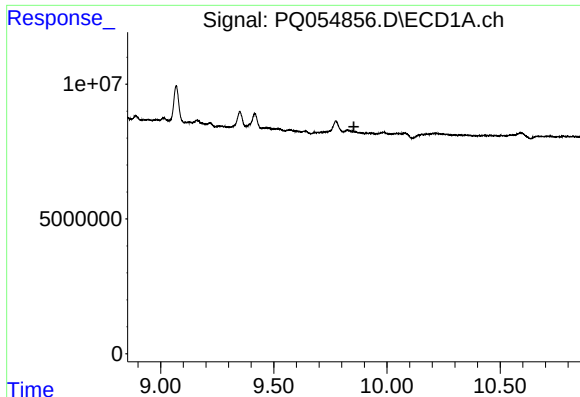
#38 AR-1262-3

R.T.: 9.774 min  
Delta R.T.: 0.019 min  
Response: 7022518  
Conc: 7.88 ng/ml



#38 AR-1262-3

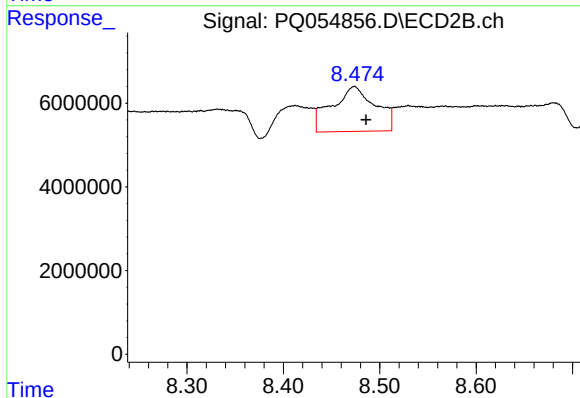
R.T.: 8.412 min  
Delta R.T.: -0.009 min  
Response: 14769775  
Conc: 16.65 ng/ml



#39 AR-1262-4

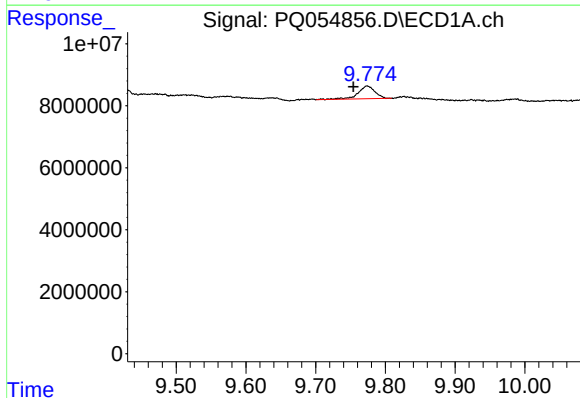
R.T.: 0.000 min  
Exp R.T.: 9.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



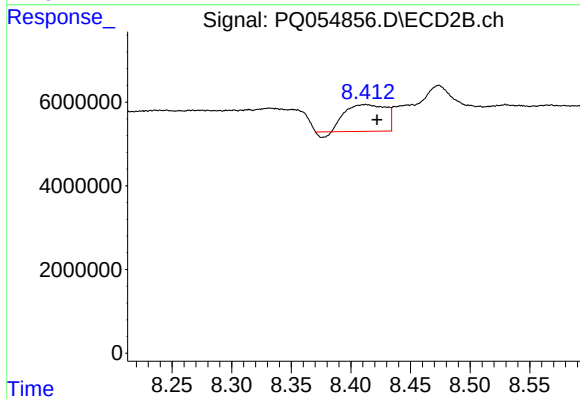
#39 AR-1262-4

R.T.: 8.474 min  
Delta R.T.: -0.012 min  
Response: 33700168  
Conc: 22.16 ng/ml



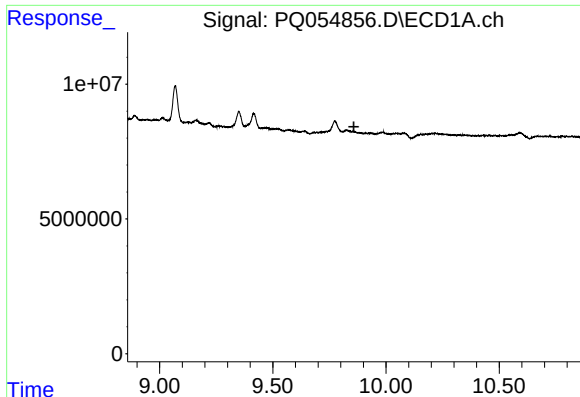
#41 AR-1268-1

R.T.: 9.774 min  
Delta R.T.: 0.020 min  
Response: 7022518  
Conc: 2.80 ng/ml



#41 AR-1268-1

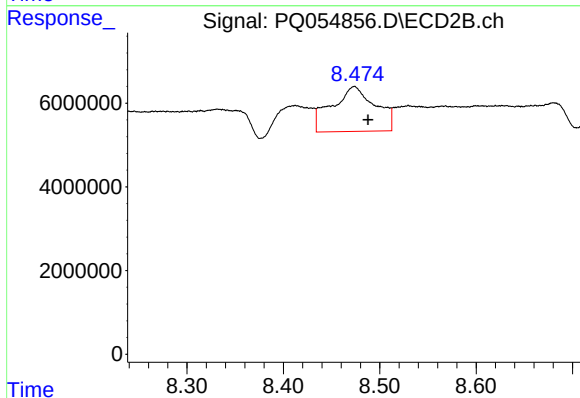
R.T.: 8.412 min  
Delta R.T.: -0.010 min  
Response: 14769775  
Conc: 5.44 ng/ml



#42 AR-1268-2

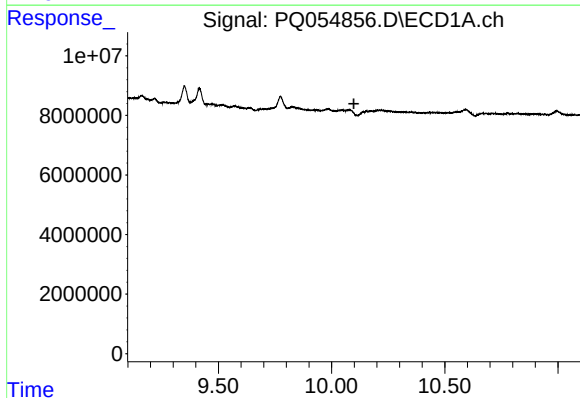
R.T.: 0.000 min  
Exp R.T.: 9.858 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



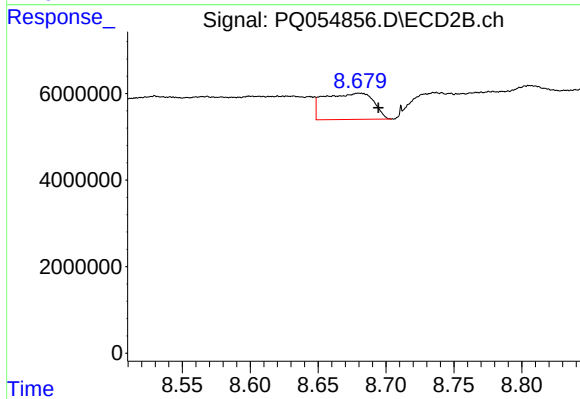
#42 AR-1268-2

R.T.: 8.474 min  
Delta R.T.: -0.014 min  
Response: 33700168  
Conc: 14.63 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 10.099 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.681 min  
Delta R.T.: -0.014 min  
Response: 15375002  
Conc: 7.63 ng/ml