

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092321\  
 Data File : PQ054649.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2021 11:17  
 Operator : AJ\MA  
 Sample : M3860-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 13:35:43 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... | 5.201  | 4.207 | 494.4E6  | 287.3E6  | 20.704 | 21.733   |
| 2)                          | SA Decachlor... | 11.367 | 9.535 | 261.2E6  | 185.2E6  | 15.474 | 13.667   |
|                             |                 |        |       |          |          |        |          |
| Target Compounds            |                 |        |       |          |          |        |          |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.728 | 0        | 4203312  | N.D.   | 15.133 # |
| 7)                          | L1 AR-1016-5    | 7.036  | 0.000 | 2755401  | 0        | 4.850  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.558  | 4.562 | 6052582  | 4921118  | 31.663 | 51.650 # |
| 12)                         | L3 AR-1232-2    | 6.229  | 0.000 | 3484986  | 0        | 12.312 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.504  | 6.337 | 5000000  | 13738579 | 10.679 | 38.670 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.728 | 0        | 4203312  | N.D.   | 11.801 # |
| 23)                         | L5 AR-1248-3    | 7.036  | 0.000 | 2755401  | 0        | 3.853  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.464  | 0.000 | 6819027  | 0        | 8.620  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.504  | 0.000 | 5000000  | 0        | 6.231  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.433  | 6.337 | 16019142 | 13738579 | 18.390 | 18.034   |
| 27)                         | L6 AR-1254-2    | 7.660  | 6.496 | 25188849 | 13893030 | 18.831 | 19.853   |
| 28)                         | L6 AR-1254-3    | 8.044  | 6.916 | 31329202 | 33887442 | 22.495 | 30.739 # |
| 29)                         | L6 AR-1254-4    | 8.339  | 7.155 | 26696049 | 20098574 | 25.059 | 26.581   |
| 30)                         | L6 AR-1254-5    | 8.767  | 7.583 | 36157841 | 49674816 | 31.461 | 44.885 # |
| 31)                         | L7 AR-1260-1    | 8.208  | 7.052 | 32140378 | 26013267 | 32.387 | 34.639   |
| 32)                         | L7 AR-1260-2    | 8.471  | 7.249 | 38075187 | 16439212 | 32.357 | 15.885 # |
| 33)                         | L7 AR-1260-3    | 8.837  | 7.402 | 5168940  | 16216997 | 6.749  | 18.342 # |
| 34)                         | L7 AR-1260-4    | 9.075  | 7.886 | 54003663 | 5189262  | 57.814 | 7.499 #  |
| 35)                         | L7 AR-1260-5    | 9.424  | 8.132 | 34269591 | 17885285 | 18.589 | 9.357 #  |
| 36)                         | L8 AR-1262-1    | 8.837  | 7.583 | 5168940  | 49674816 | 4.399  | 96.142 # |
| 37)                         | L8 AR-1262-2    | 9.424  | 8.132 | 34269591 | 17885285 | 15.800 | 8.075 #  |
| 38)                         | L8 AR-1262-3    | 9.781f | 8.421 | 13855951 | 5013199  | 15.556 | 5.650 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.479 | 0        | 24861007 | N.D.   | 16.347 # |
| 40)                         | L8 AR-1262-5    | 10.555 | 8.986 | 45033563 | 10253108 | 58.596 | 14.929 # |
| 41)                         | L9 AR-1268-1    | 9.781f | 8.421 | 13855951 | 5013199  | 5.525  | 1.847 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.479 | 0        | 24861007 | N.D.   | 10.791 # |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.694 | 0        | 9039765  | N.D.   | 4.486 #  |
| 44)                         | L9 AR-1268-4    | 10.555 | 8.986 | 45033563 | 10253108 | 52.774 | 13.189 # |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.278 | 0        | 2484517  | N.D.   | 0.432 #  |
| -----                       |                 |        |       |          |          |        |          |

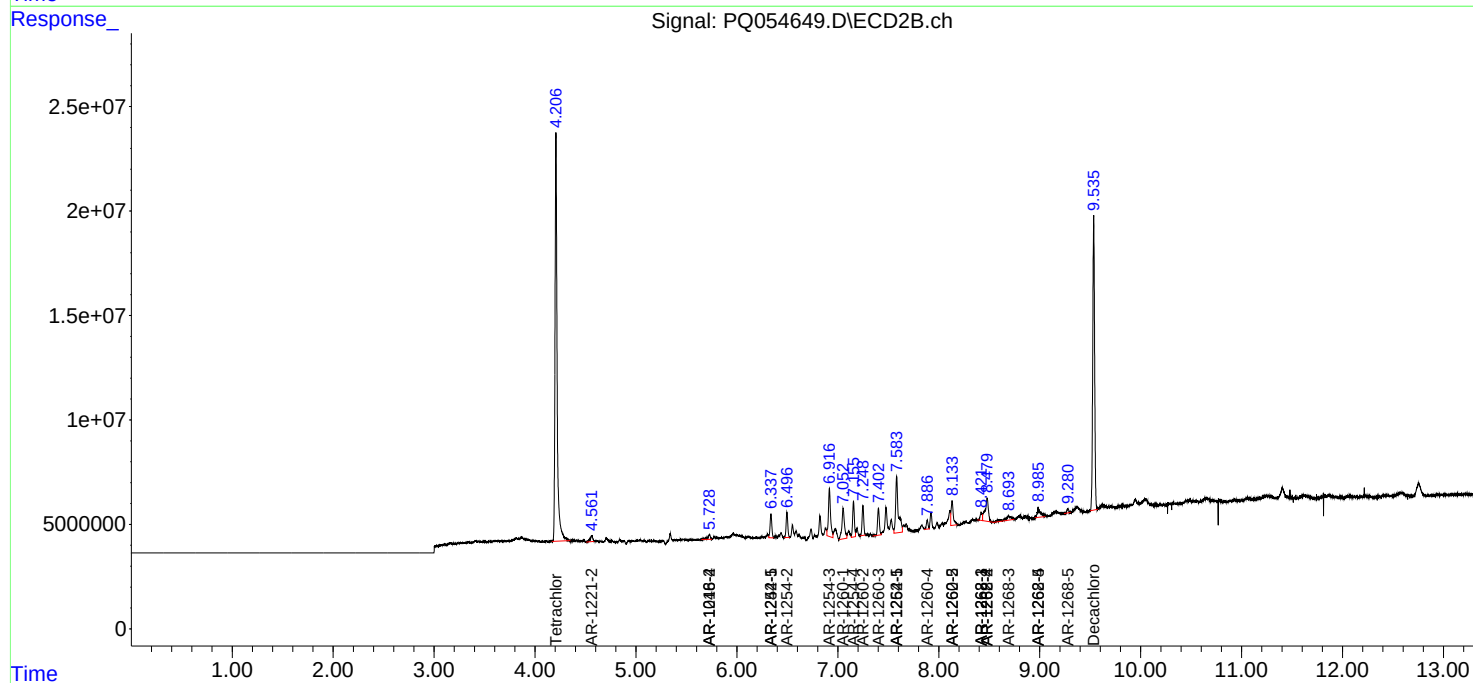
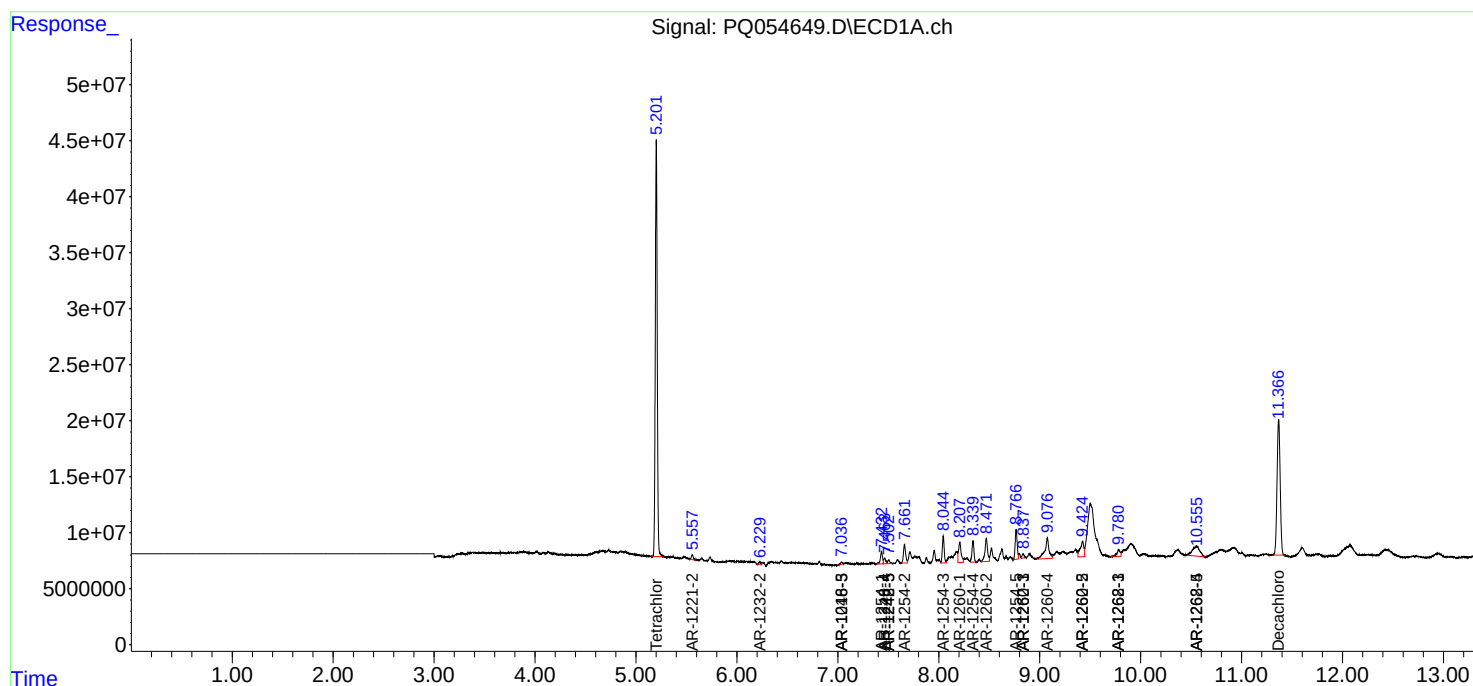
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

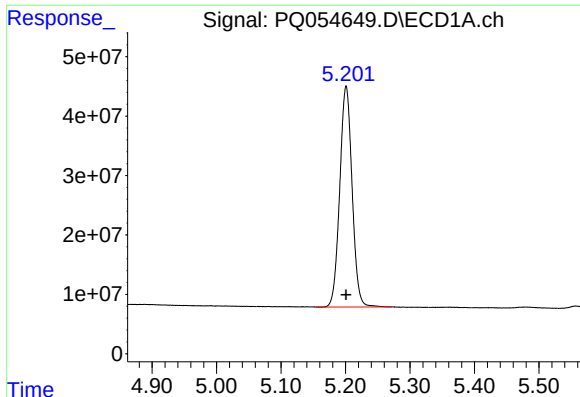
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092321\  
Data File : PQ054649.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2021 11:17  
Operator : AJ\MA  
Sample : M3860-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 13:35:43 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

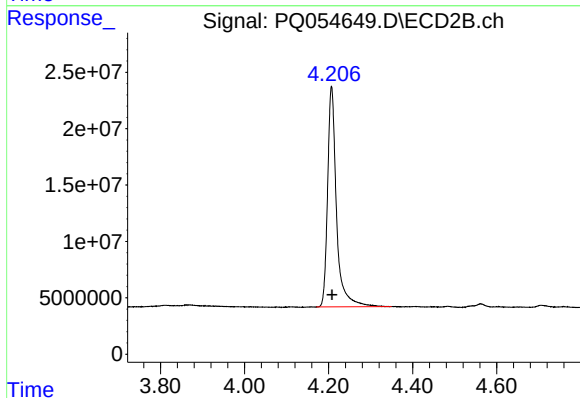




#1 Tetrachloro-m-xylene

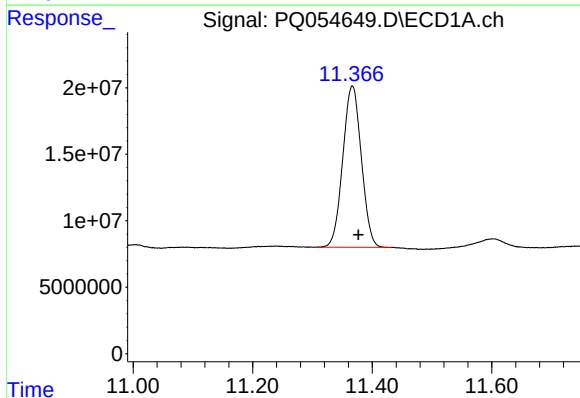
R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 494428565  
Conc: 20.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



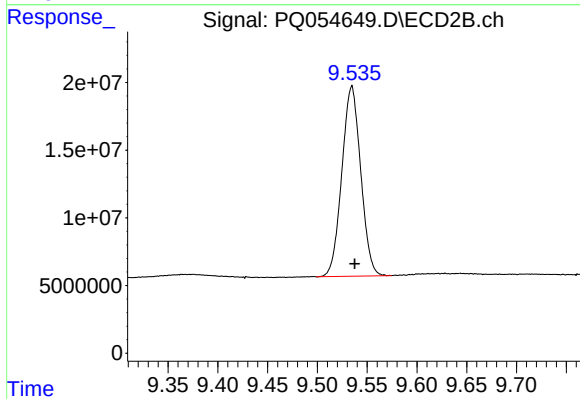
#1 Tetrachloro-m-xylene

R.T.: 4.207 min  
Delta R.T.: 0.000 min  
Response: 287305496  
Conc: 21.73 ng/ml



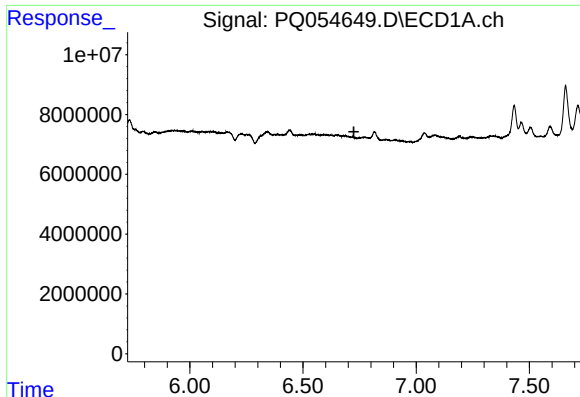
#2 Decachlorobiphenyl

R.T.: 11.367 min  
Delta R.T.: -0.010 min  
Response: 261165925  
Conc: 15.47 ng/ml



#2 Decachlorobiphenyl

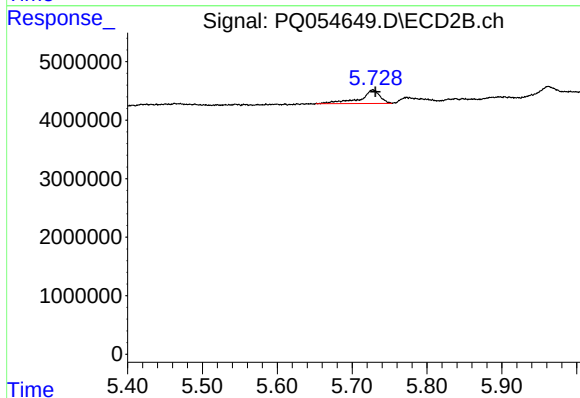
R.T.: 9.535 min  
Delta R.T.: -0.003 min  
Response: 185220684  
Conc: 13.67 ng/ml



#6 AR-1016-4

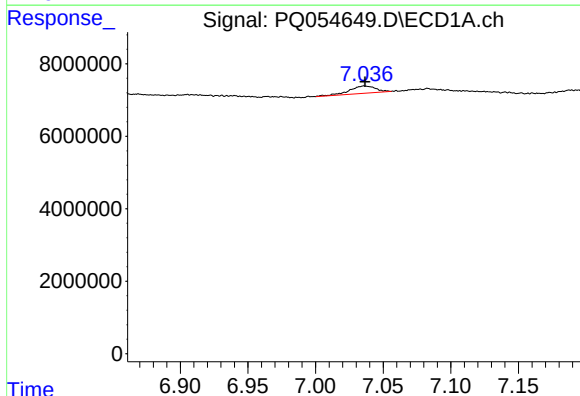
R.T.: 0.000 min  
Exp R.T.: 6.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



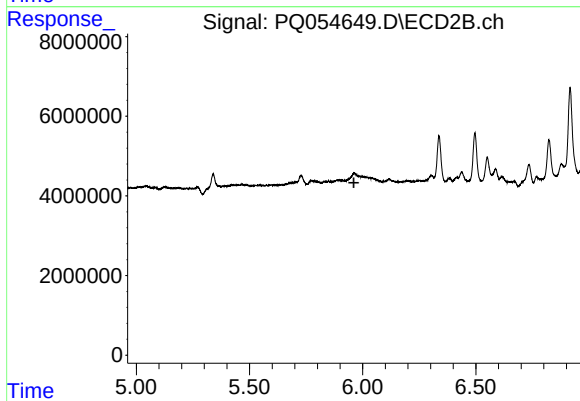
#6 AR-1016-4

R.T.: 5.728 min  
Delta R.T.: -0.003 min  
Response: 4203312  
Conc: 15.13 ng/ml



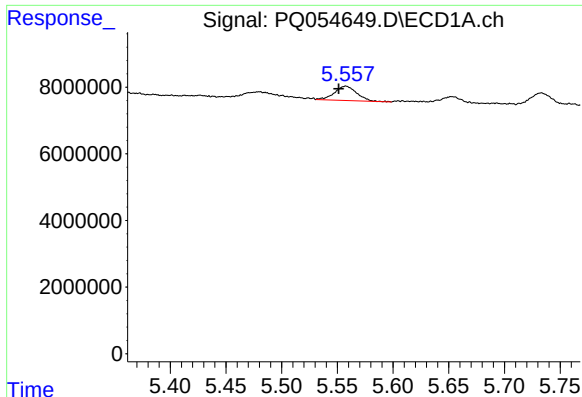
#7 AR-1016-5

R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 2755401  
Conc: 4.85 ng/ml



#7 AR-1016-5

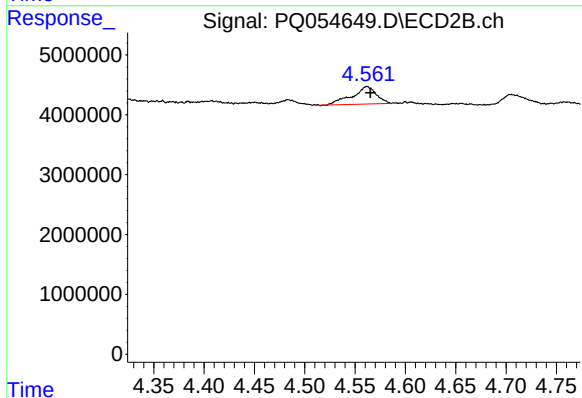
R.T.: 0.000 min  
Exp R.T.: 5.961 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

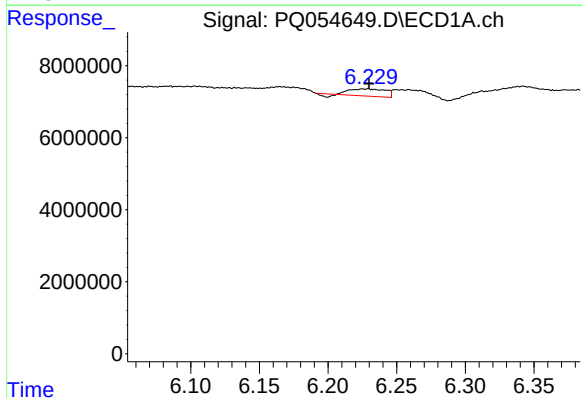
R.T.: 5.558 min  
Delta R.T.: 0.007 min  
Response: 6052582  
Conc: 31.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



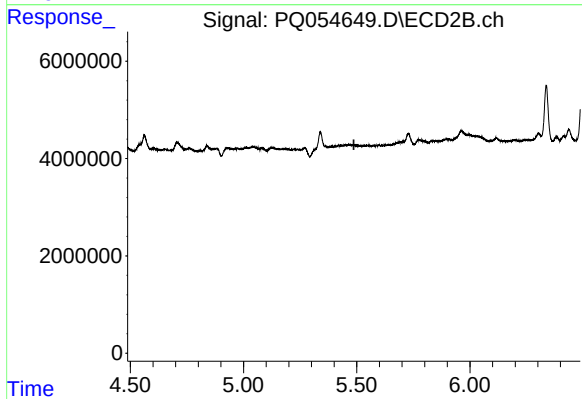
#9 AR-1221-2

R.T.: 4.562 min  
Delta R.T.: -0.004 min  
Response: 4921118  
Conc: 51.65 ng/ml



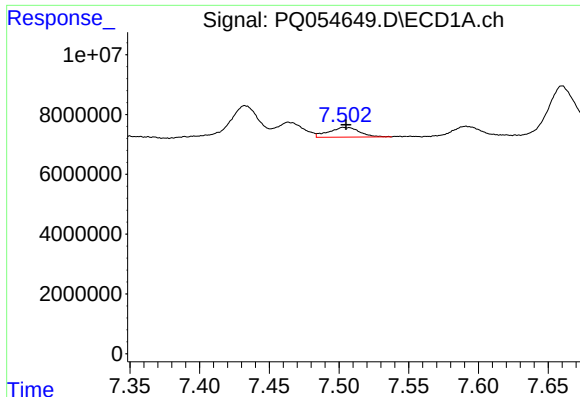
#12 AR-1232-2

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 3484986  
Conc: 12.31 ng/ml



#12 AR-1232-2

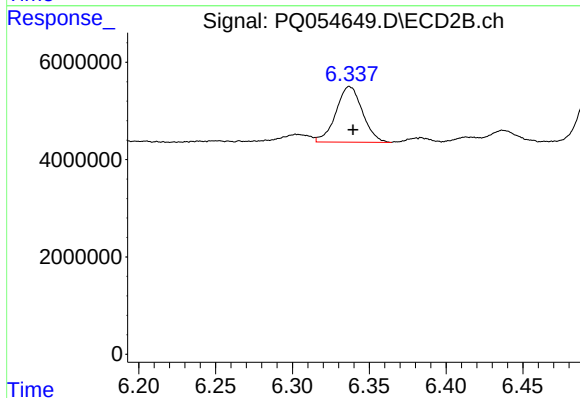
R.T.: 0.000 min  
Exp R.T.: 5.487 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

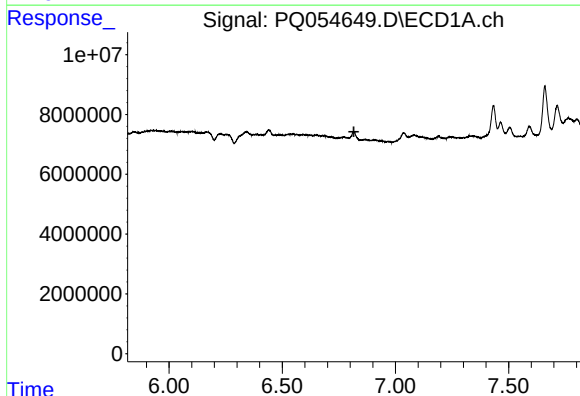
R.T.: 7.504 min  
Delta R.T.: -0.002 min  
Response: 5000000  
Conc: 10.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



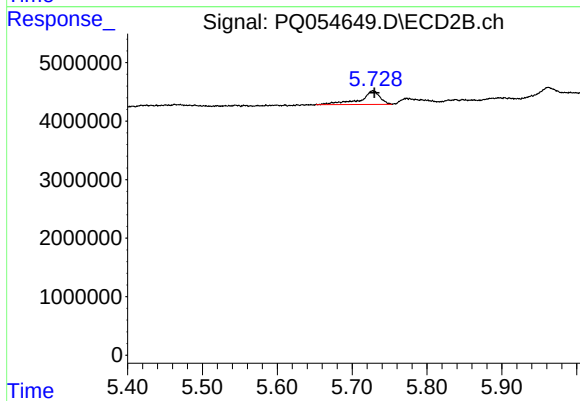
#20 AR-1242-5

R.T.: 6.337 min  
Delta R.T.: -0.002 min  
Response: 13738579  
Conc: 38.67 ng/ml



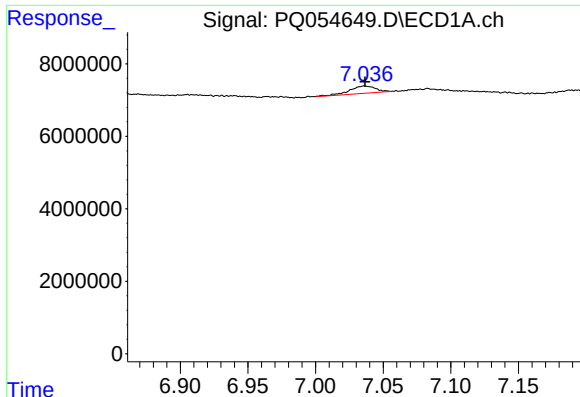
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.817 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

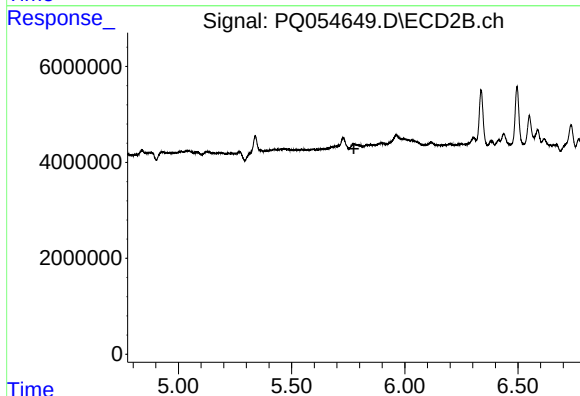
R.T.: 5.728 min  
Delta R.T.: -0.002 min  
Response: 4203312  
Conc: 11.80 ng/ml



#23 AR-1248-3

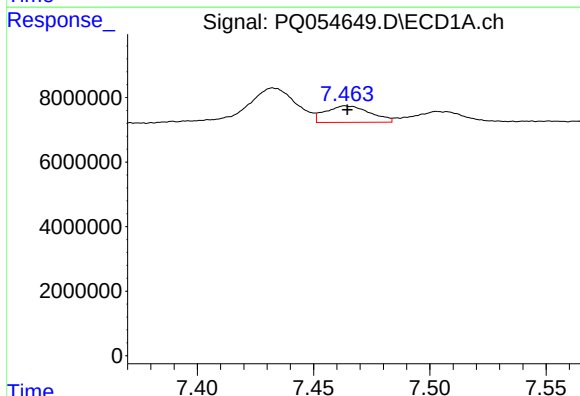
R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 2755401  
Conc: 3.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



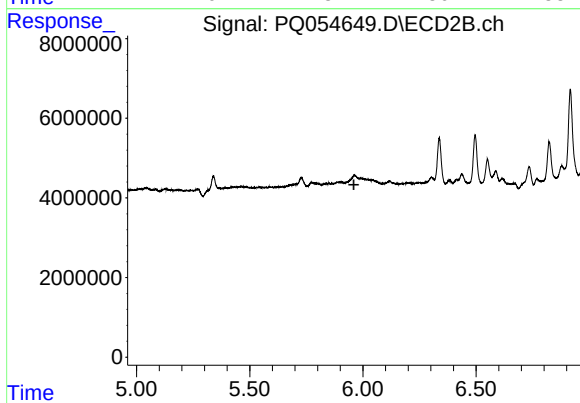
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.775 min  
Response: 0  
Conc: N.D.



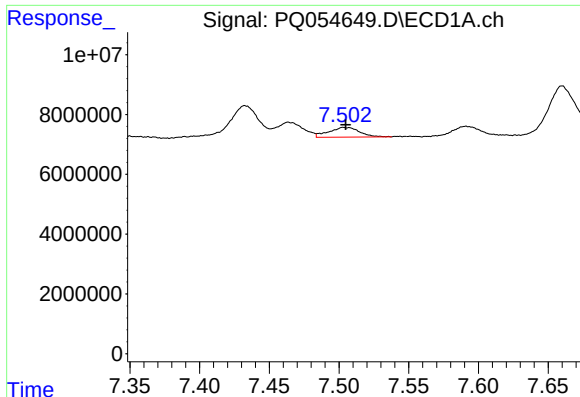
#24 AR-1248-4

R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 6819027  
Conc: 8.62 ng/ml



#24 AR-1248-4

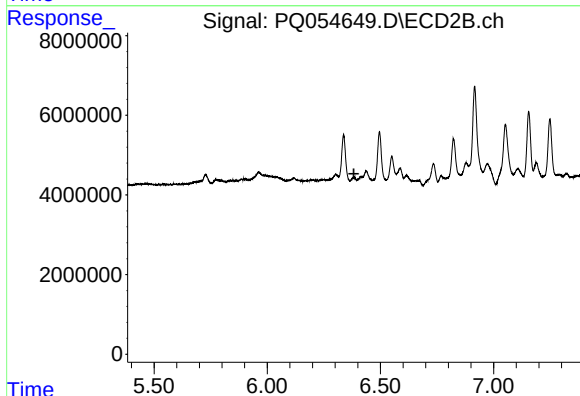
R.T.: 0.000 min  
Exp R.T. : 5.960 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

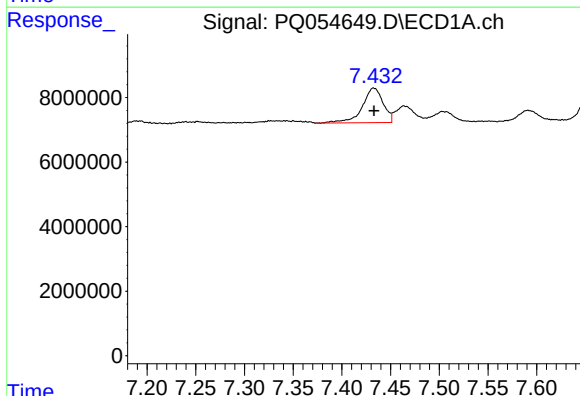
R.T.: 7.504 min  
Delta R.T.: -0.001 min  
Response: 5000000  
Conc: 6.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



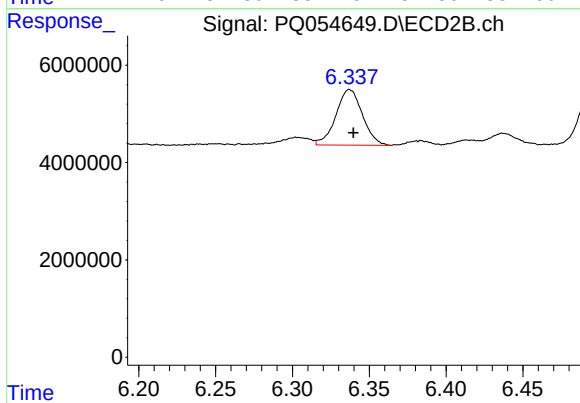
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.383 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

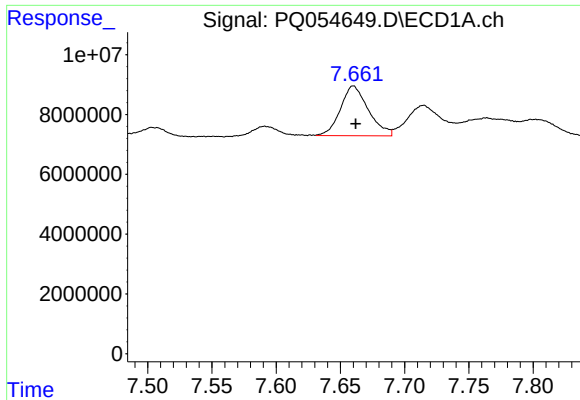
R.T.: 7.433 min  
Delta R.T.: 0.000 min  
Response: 16019142  
Conc: 18.39 ng/ml



#26 AR-1254-1

R.T.: 6.337 min  
Delta R.T.: -0.002 min  
Response: 13738579  
Conc: 18.03 ng/ml

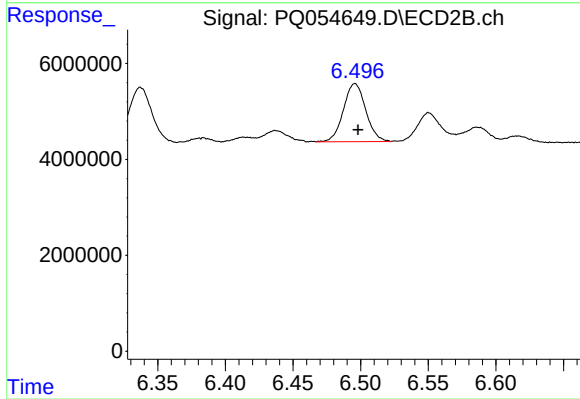




#27 AR-1254-2

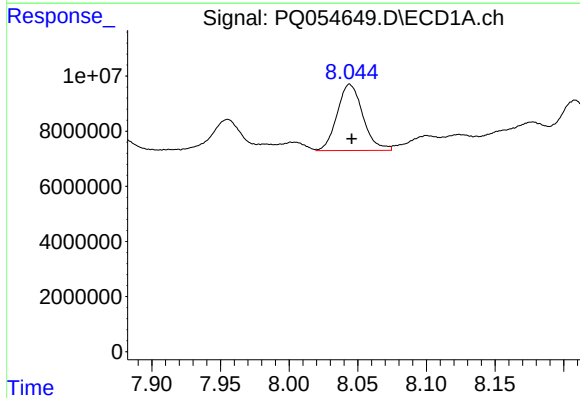
R.T.: 7.660 min  
Delta R.T.: -0.002 min  
Response: 25188849  
Conc: 18.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



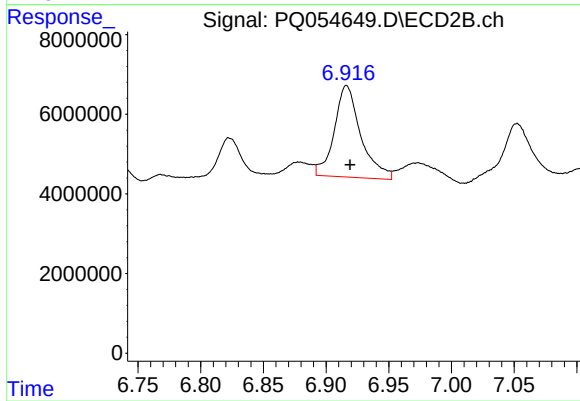
#27 AR-1254-2

R.T.: 6.496 min  
Delta R.T.: -0.002 min  
Response: 13893030  
Conc: 19.85 ng/ml



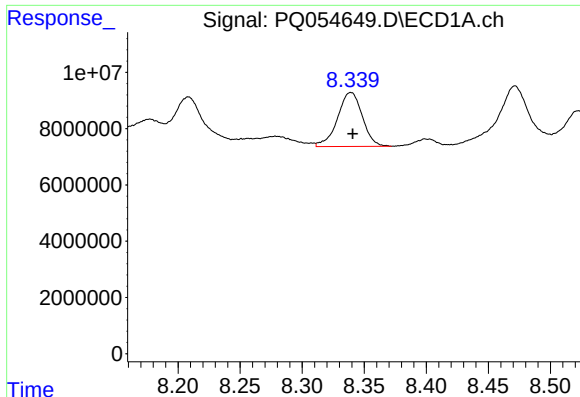
#28 AR-1254-3

R.T.: 8.044 min  
Delta R.T.: -0.001 min  
Response: 31329202  
Conc: 22.49 ng/ml



#28 AR-1254-3

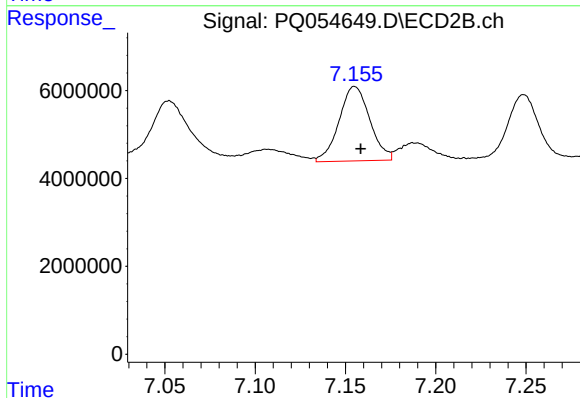
R.T.: 6.916 min  
Delta R.T.: -0.003 min  
Response: 33887442  
Conc: 30.74 ng/ml



#29 AR-1254-4

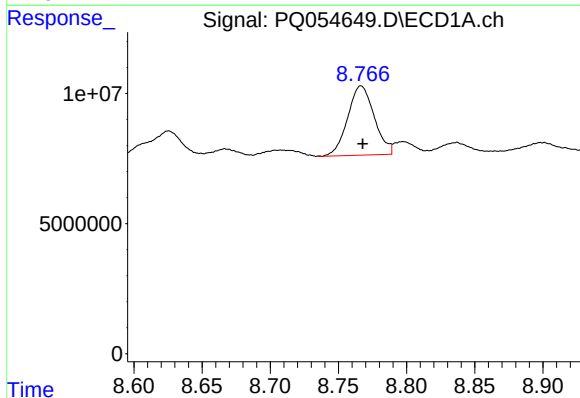
R.T.: 8.339 min  
Delta R.T.: -0.002 min  
Response: 26696049  
Conc: 25.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



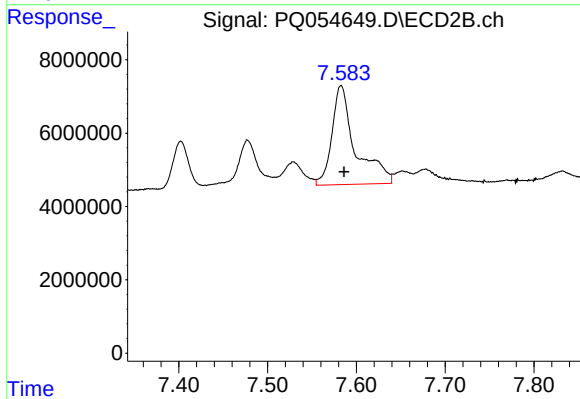
#29 AR-1254-4

R.T.: 7.155 min  
Delta R.T.: -0.003 min  
Response: 20098574  
Conc: 26.58 ng/ml



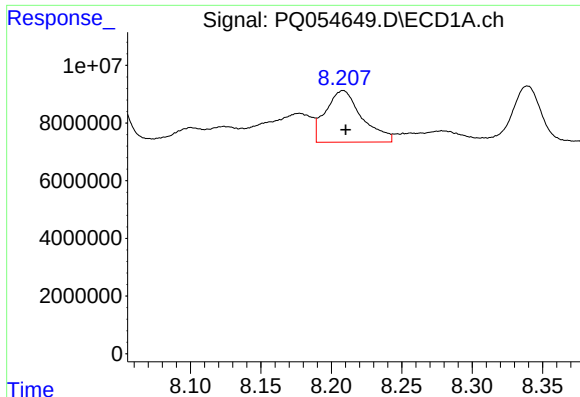
#30 AR-1254-5

R.T.: 8.767 min  
Delta R.T.: -0.001 min  
Response: 36157841  
Conc: 31.46 ng/ml



#30 AR-1254-5

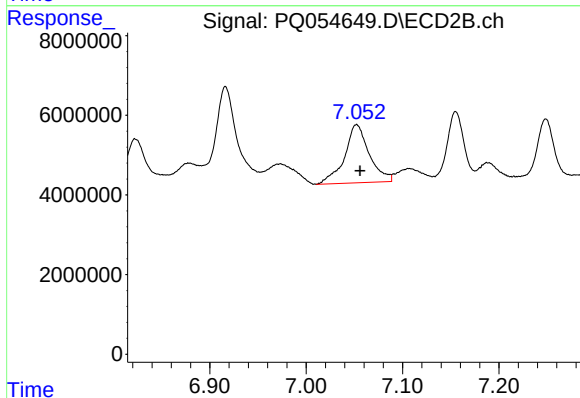
R.T.: 7.583 min  
Delta R.T.: -0.003 min  
Response: 49674816  
Conc: 44.88 ng/ml



#31 AR-1260-1

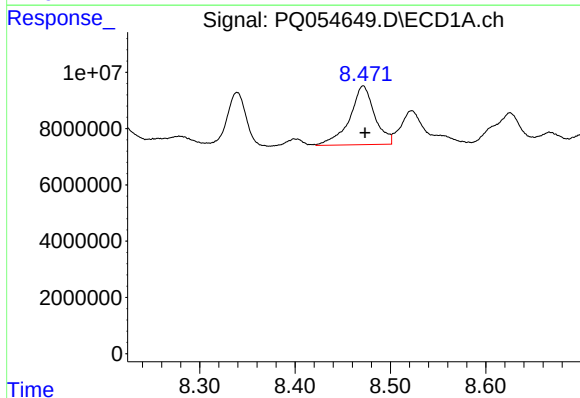
R.T.: 8.208 min  
Delta R.T.: -0.002 min  
Response: 32140378  
Conc: 32.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



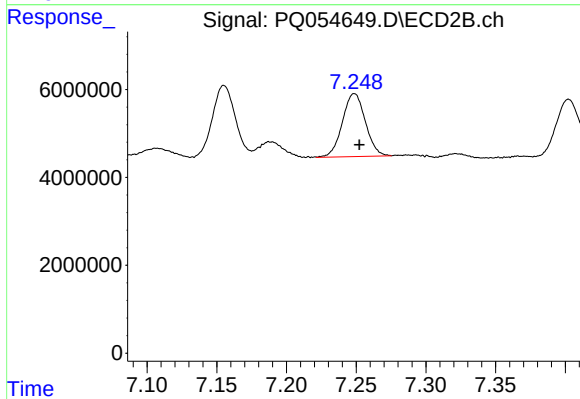
#31 AR-1260-1

R.T.: 7.052 min  
Delta R.T.: -0.003 min  
Response: 26013267  
Conc: 34.64 ng/ml



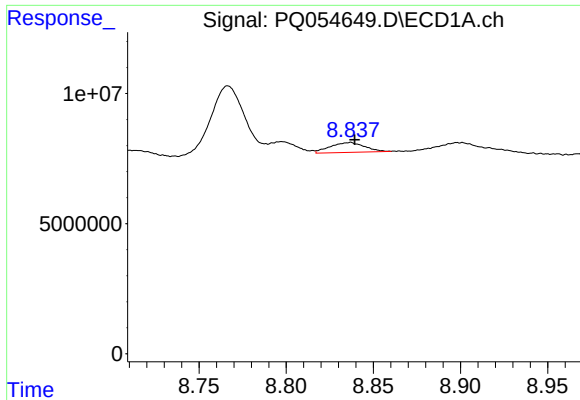
#32 AR-1260-2

R.T.: 8.471 min  
Delta R.T.: -0.002 min  
Response: 38075187  
Conc: 32.36 ng/ml



#32 AR-1260-2

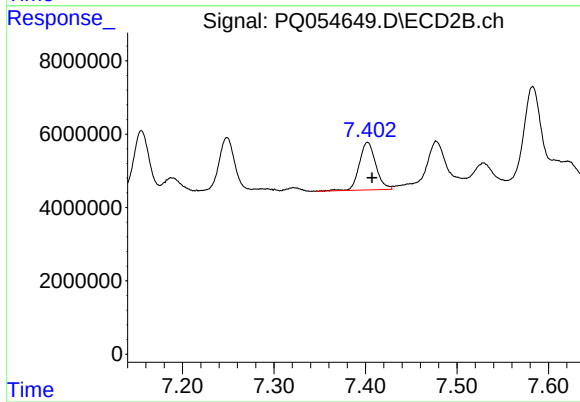
R.T.: 7.249 min  
Delta R.T.: -0.004 min  
Response: 16439212  
Conc: 15.88 ng/ml



#33 AR-1260-3

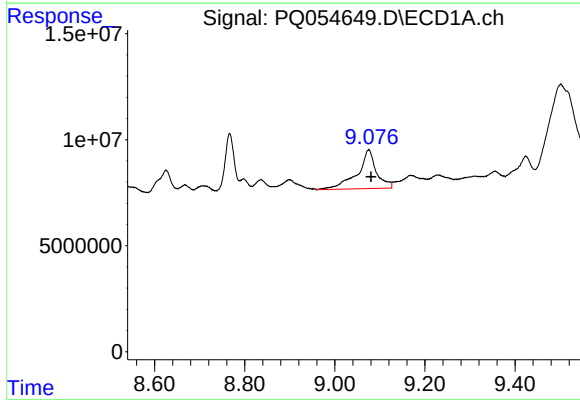
R.T.: 8.837 min  
Delta R.T.: -0.003 min  
Response: 5168940  
Conc: 6.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



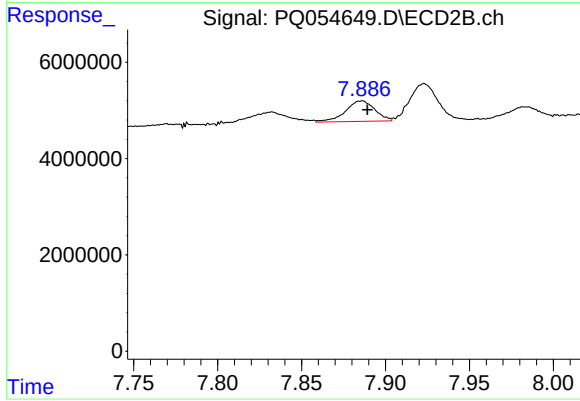
#33 AR-1260-3

R.T.: 7.402 min  
Delta R.T.: -0.005 min  
Response: 16216997  
Conc: 18.34 ng/ml



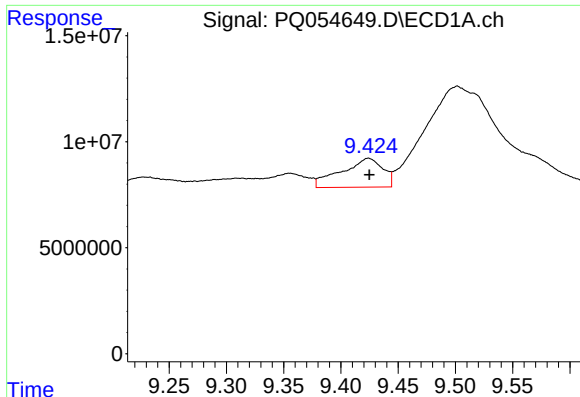
#34 AR-1260-4

R.T.: 9.075 min  
Delta R.T.: -0.005 min  
Response: 54003663  
Conc: 57.81 ng/ml



#34 AR-1260-4

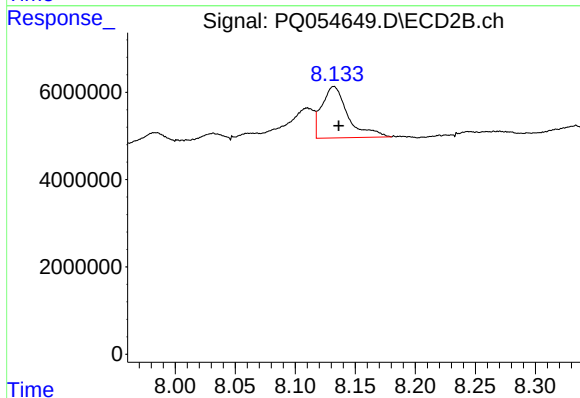
R.T.: 7.886 min  
Delta R.T.: -0.003 min  
Response: 5189262  
Conc: 7.50 ng/ml



#35 AR-1260-5

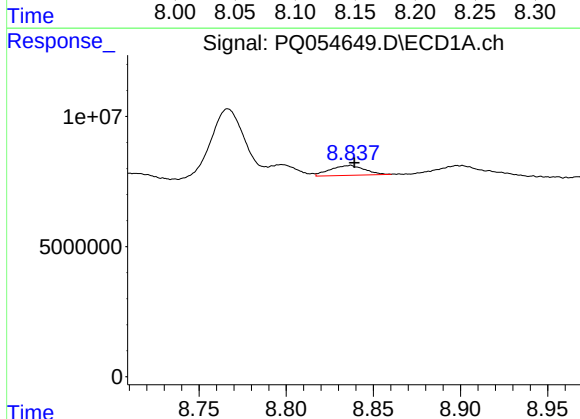
R.T.: 9.424 min  
Delta R.T.: 0.000 min  
Response: 34269591  
Conc: 18.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



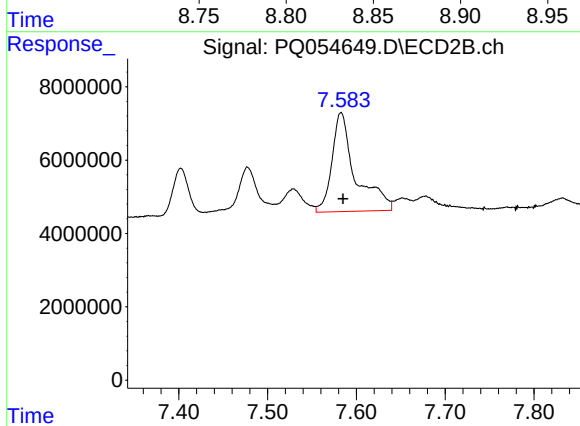
#35 AR-1260-5

R.T.: 8.132 min  
Delta R.T.: -0.004 min  
Response: 17885285  
Conc: 9.36 ng/ml



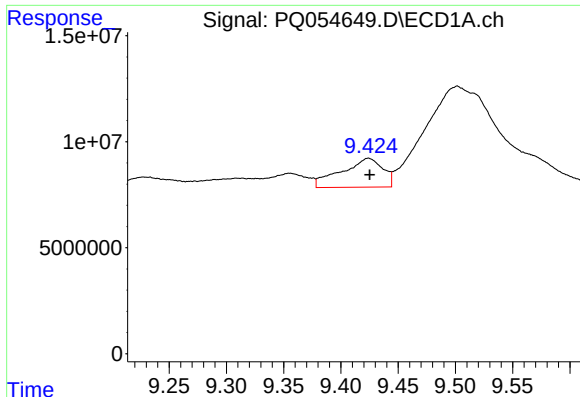
#36 AR-1262-1

R.T.: 8.837 min  
Delta R.T.: -0.003 min  
Response: 5168940  
Conc: 4.40 ng/ml



#36 AR-1262-1

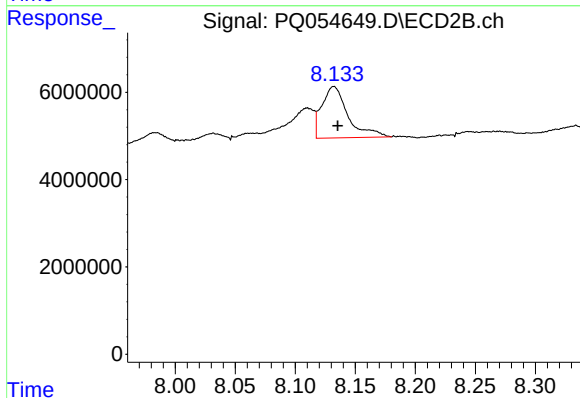
R.T.: 7.583 min  
Delta R.T.: -0.002 min  
Response: 49674816  
Conc: 96.14 ng/ml



#37 AR-1262-2

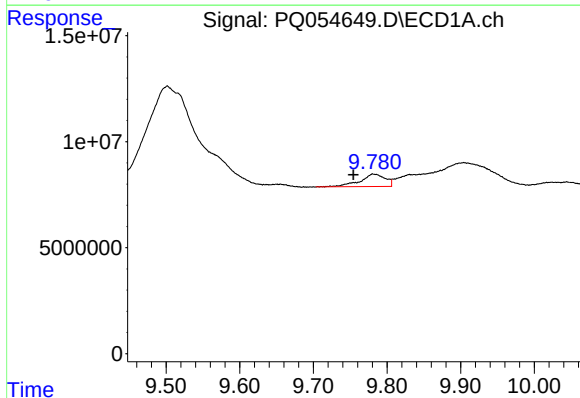
R.T.: 9.424 min  
Delta R.T.: -0.001 min  
Response: 34269591  
Conc: 15.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



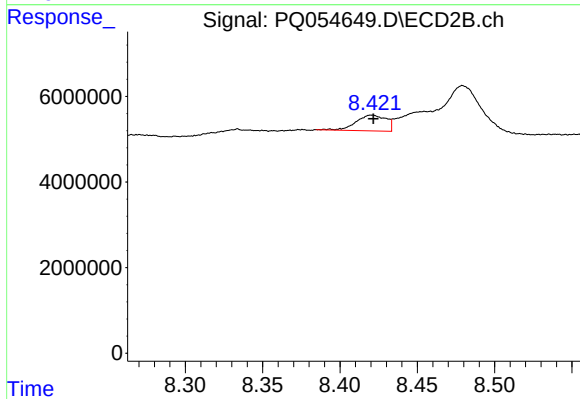
#37 AR-1262-2

R.T.: 8.132 min  
Delta R.T.: -0.003 min  
Response: 17885285  
Conc: 8.07 ng/ml



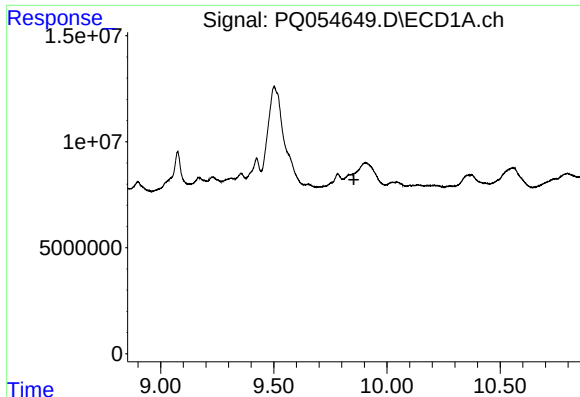
#38 AR-1262-3

R.T.: 9.781 min  
Delta R.T.: 0.026 min  
Response: 13855951  
Conc: 15.56 ng/ml



#38 AR-1262-3

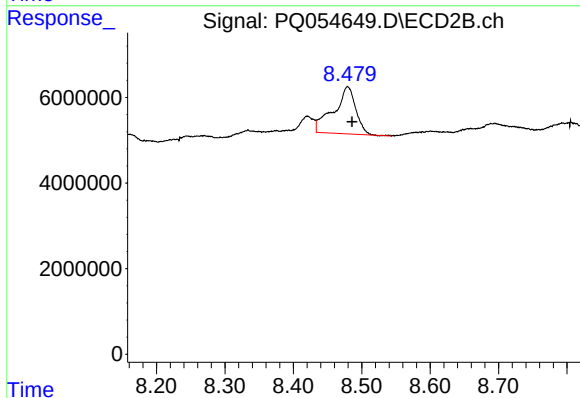
R.T.: 8.421 min  
Delta R.T.: -0.001 min  
Response: 5013199  
Conc: 5.65 ng/ml



#39 AR-1262-4

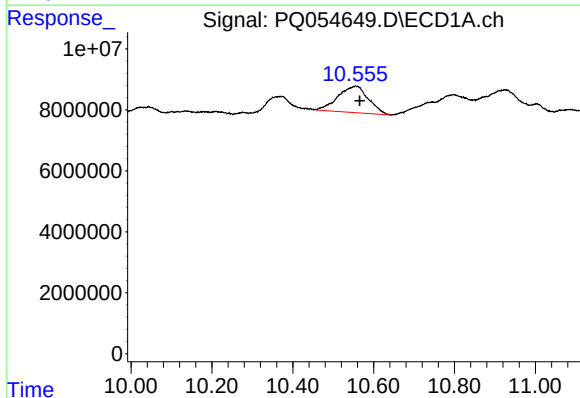
R.T.: 0.000 min  
Exp R.T.: 9.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



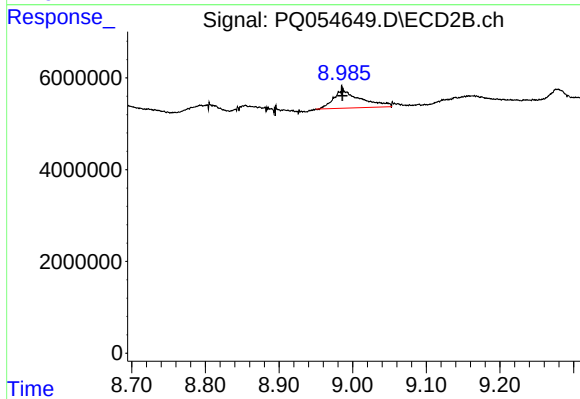
#39 AR-1262-4

R.T.: 8.479 min  
Delta R.T.: -0.006 min  
Response: 24861007  
Conc: 16.35 ng/ml



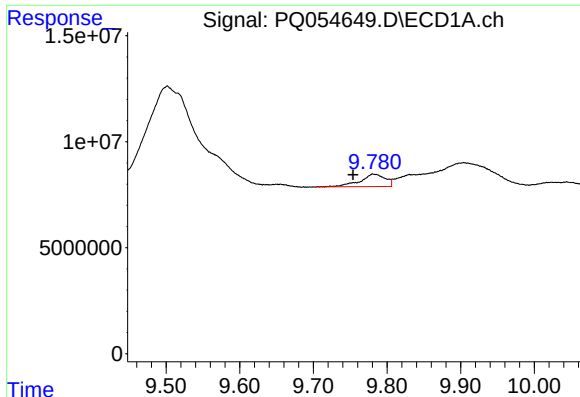
#40 AR-1262-5

R.T.: 10.555 min  
Delta R.T.: -0.010 min  
Response: 45033563  
Conc: 58.60 ng/ml



#40 AR-1262-5

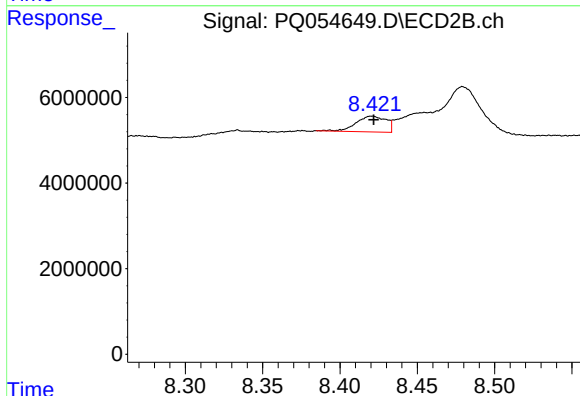
R.T.: 8.986 min  
Delta R.T.: 0.000 min  
Response: 10253108  
Conc: 14.93 ng/ml



#41 AR-1268-1

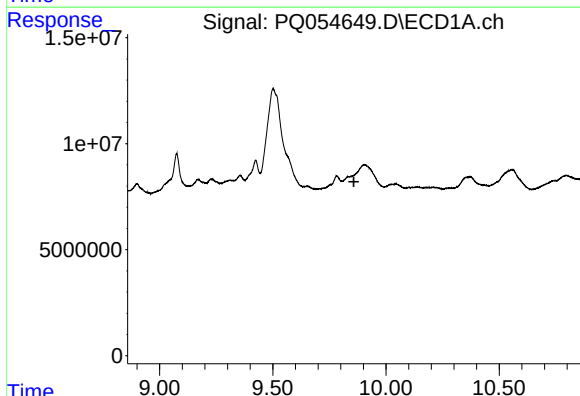
R.T.: 9.781 min  
Delta R.T.: 0.027 min  
Response: 13855951  
Conc: 5.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



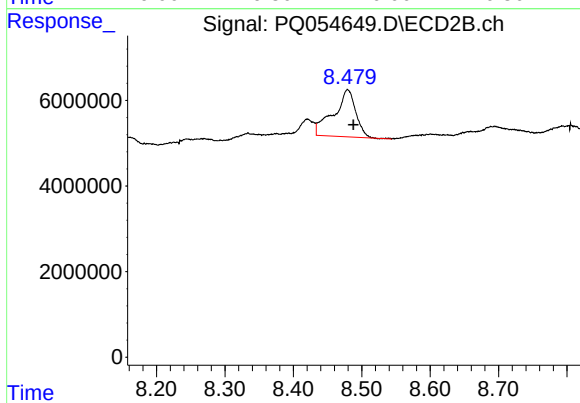
#41 AR-1268-1

R.T.: 8.421 min  
Delta R.T.: -0.001 min  
Response: 5013199  
Conc: 1.85 ng/ml



#42 AR-1268-2

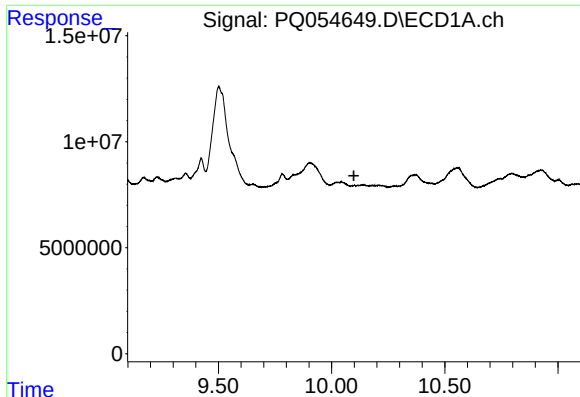
R.T.: 0.000 min  
Exp R.T. : 9.858 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.479 min  
Delta R.T.: -0.008 min  
Response: 24861007  
Conc: 10.79 ng/ml

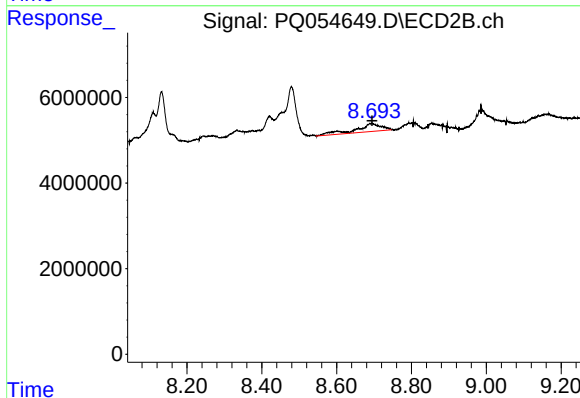




#43 AR-1268-3

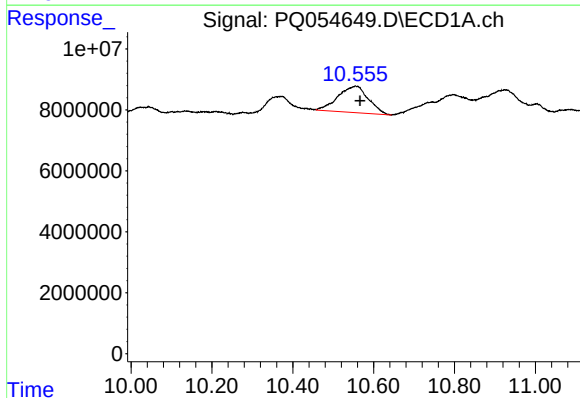
R.T.: 0.000 min  
Exp R.T.: 10.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



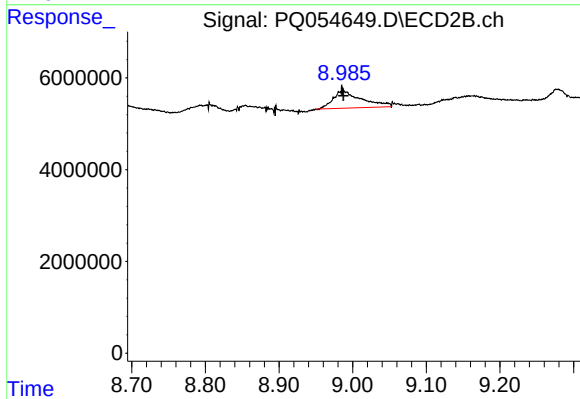
#43 AR-1268-3

R.T.: 8.694 min  
Delta R.T.: 0.000 min  
Response: 9039765  
Conc: 4.49 ng/ml



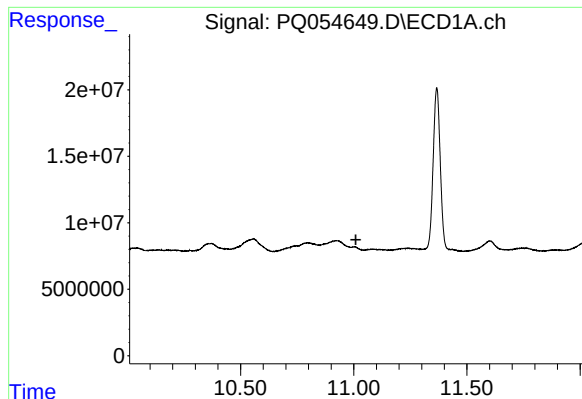
#44 AR-1268-4

R.T.: 10.555 min  
Delta R.T.: -0.011 min  
Response: 45033563  
Conc: 52.77 ng/ml



#44 AR-1268-4

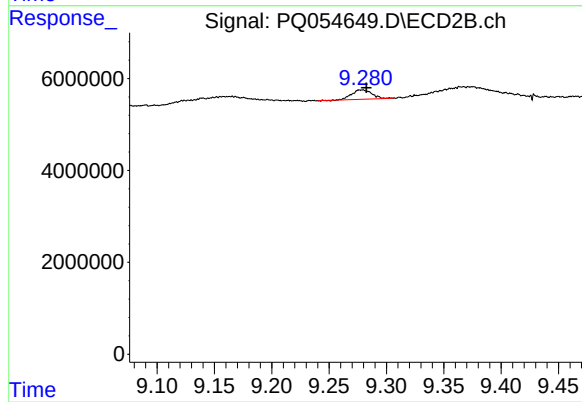
R.T.: 8.986 min  
Delta R.T.: -0.002 min  
Response: 10253108  
Conc: 13.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 11.010 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.278 min  
Delta R.T.: -0.004 min  
Response: 2484517  
Conc: 0.43 ng/ml