

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111218\  
 Data File : PQ034464.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2018 18:18  
 Operator : SM\SJ  
 Sample : J5813-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 04:04:24 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 09 08:12:53 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.546  | 3.827 | 50840144 | 35573960 | 17.344  | 18.638    |
| 2)                          | SA Decachlor... | 10.343 | 8.855 | 26165134 | 17602044 | 10.193  | 8.957     |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.659  | 0.000 | 6045903  | 0        | 63.788  | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.878  | 0.000 | 869937   | 0        | 10.238  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.878  | 0.000 | 869937   | 0        | 12.814  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.159  | 5.319 | 7984273  | 14360259 | 113.188 | 269.258 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.250 | 0        | 1671847  | N.D.    | 32.755 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.250 | 0        | 1671847  | N.D.    | 44.185 #  |
| 14)                         | L3 AR-1232-4    | 5.878  | 0.000 | 869937   | 0        | 31.153  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.319 | 0        | 14360259 | N.D.    | 710.604 # |
| 16)                         | L4 AR-1242-1    | 5.659  | 0.000 | 6045903  | 0        | 76.924  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.878  | 0.000 | 869937   | 0        | 12.298  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.878  | 0.000 | 869937   | 0        | 15.154  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.740 | 0        | 34765845 | N.D.    | 665.833 # |
| 21)                         | L5 AR-1248-1    | 5.659  | 0.000 | 6045903  | 0        | 93.138  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.159  | 0.000 | 7984273  | 0        | 74.805  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.577  | 5.319 | 37453264 | 14360259 | 308.200 | 180.207 # |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.740 | 0        | 34765845 | N.D.    | 432.199 # |
| 26)                         | L6 AR-1254-1    | 6.577  | 5.740 | 37453264 | 34765845 | 331.389 | 300.687   |
| 27)                         | L6 AR-1254-2    | 6.802  | 5.863 | 10671423 | 9914336  | 59.505  | 99.083 #  |
| 28)                         | L6 AR-1254-3    | 7.179  | 6.266 | 19659763 | 7560887  | 101.122 | 43.754 #  |
| 29)                         | L6 AR-1254-4    | 7.443  | 6.494 | 26018795 | 3640230  | 181.809 | 33.398 #  |
| 30)                         | L6 AR-1254-5    | 7.864  | 6.909 | 6247117  | 6100931  | 39.678  | 40.205    |
| 31)                         | L7 AR-1260-1    | 7.322  | 6.394 | 9390069  | 2967755  | 68.104  | 25.786 #  |
| 32)                         | L7 AR-1260-2    | 7.577  | 6.580 | 8421640  | 11440183 | 48.930  | 80.574 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.736 | 0        | 1636169  | N.D.    | 12.419 #  |
| 34)                         | L7 AR-1260-4    | 8.157  | 0.000 | 1838595  | 0        | 14.152  | N.D. #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.909 | 0        | 6100931  | N.D.    | 40.631 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.788 | 0        | 27367884 | N.D.    | 256.194 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.788 | 0        | 27367884 | N.D.    | 133.650 # |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.788 | 0        | 27367884 | N.D.    | 76.891 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.788 | 0        | 27367884 | N.D.    | 85.659 #  |
| -----                       |                 |        |       |          |          |         |           |

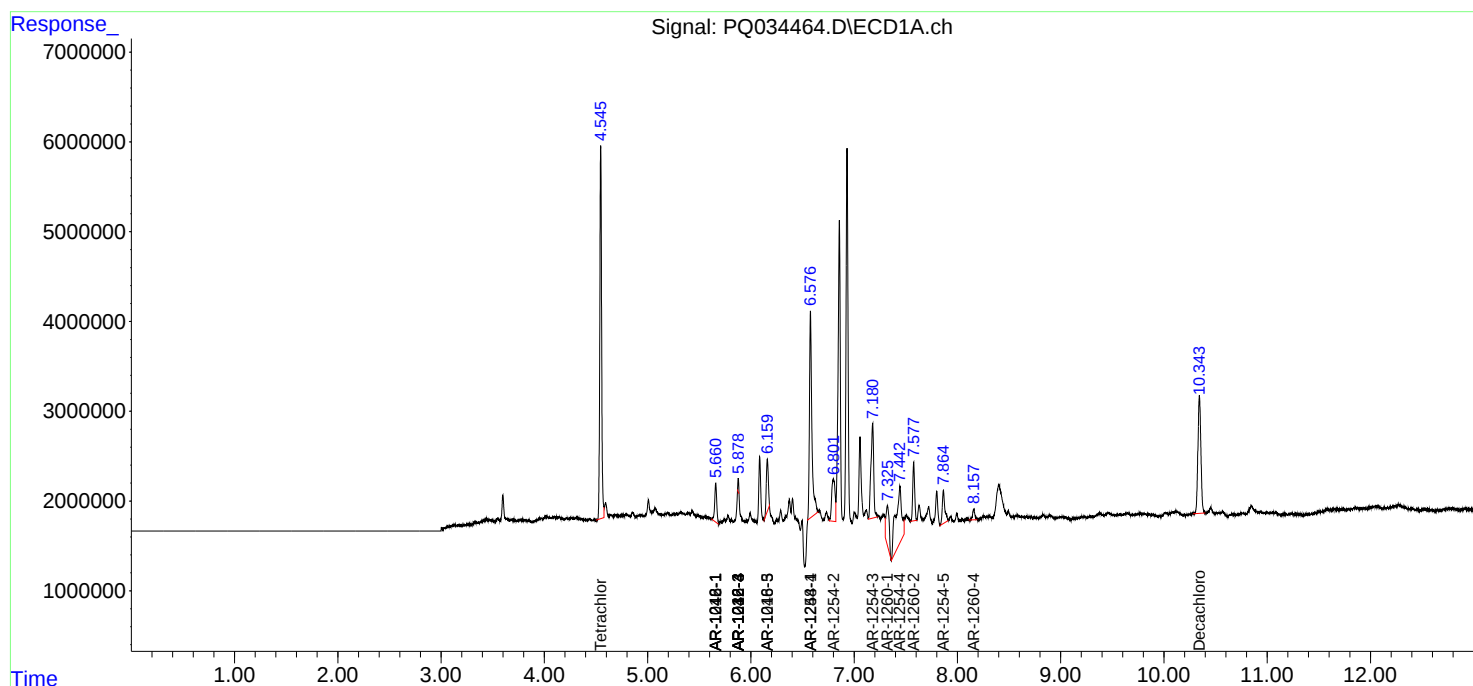
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

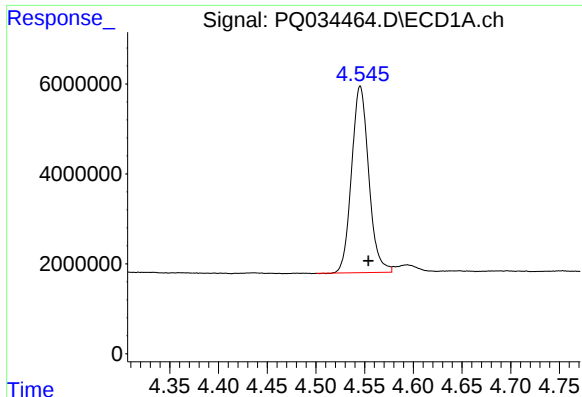
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111218\  
Data File : PQ034464.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2018 18:18  
Operator : SM\SJ  
Sample : J5813-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 04:04:24 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 09 08:12:53 2018  
Response via : Initial Calibration  
Integrator: ChemStation

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

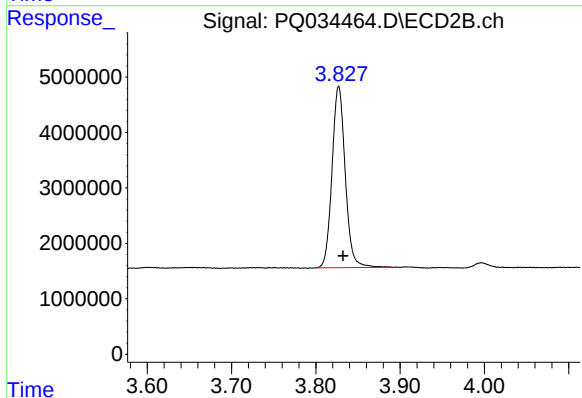




#1 Tetrachloro-m-xylene

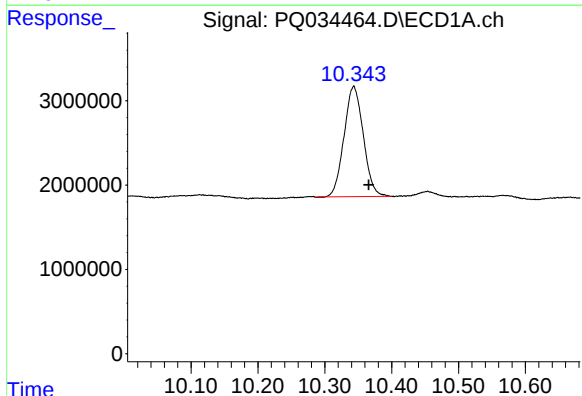
R.T.: 4.546 min  
Delta R.T.: -0.008 min  
Response: 50840144  
Conc: 17.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



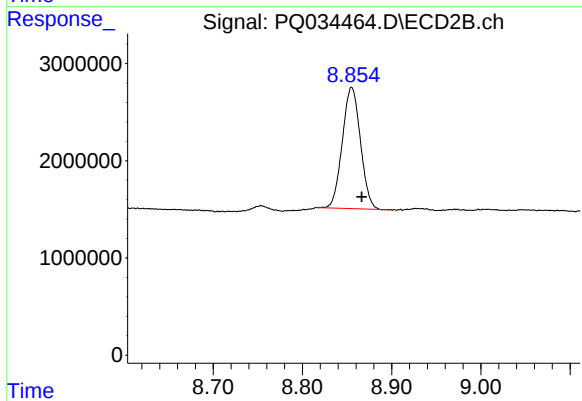
#1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: -0.005 min  
Response: 35573960  
Conc: 18.64 ng/ml



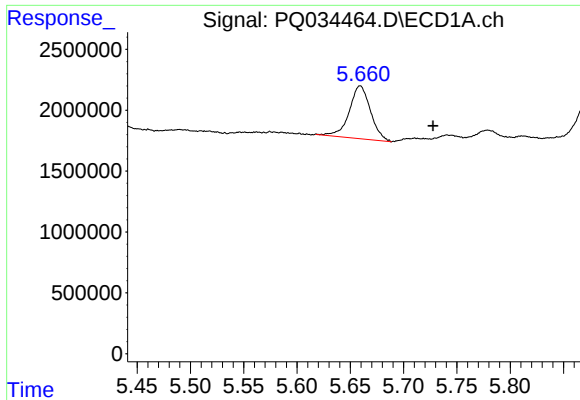
#2 Decachlorobiphenyl

R.T.: 10.343 min  
Delta R.T.: -0.022 min  
Response: 26165134  
Conc: 10.19 ng/ml



#2 Decachlorobiphenyl

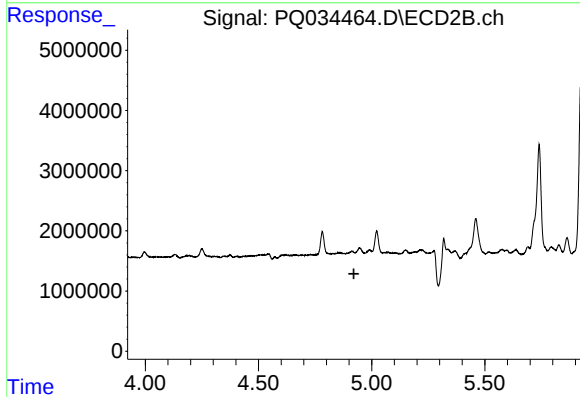
R.T.: 8.855 min  
Delta R.T.: -0.011 min  
Response: 17602044  
Conc: 8.96 ng/ml



#3 AR-1016-1

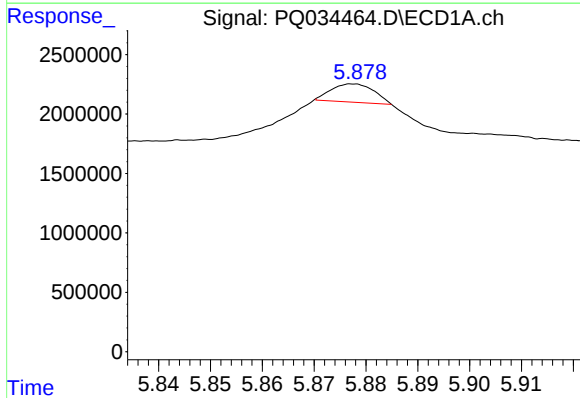
R.T.: 5.659 min  
Delta R.T.: -0.068 min  
Response: 6045903  
Conc: 63.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



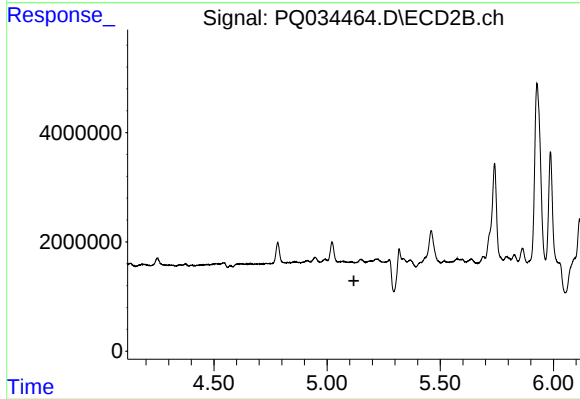
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.921 min  
Response: 0  
Conc: N.D.



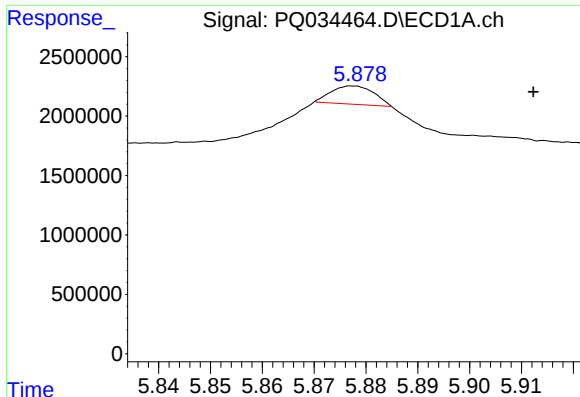
#5 AR-1016-3

R.T.: 5.878 min  
Delta R.T.: 0.065 min  
Response: 869937  
Conc: 10.24 ng/ml



#5 AR-1016-3

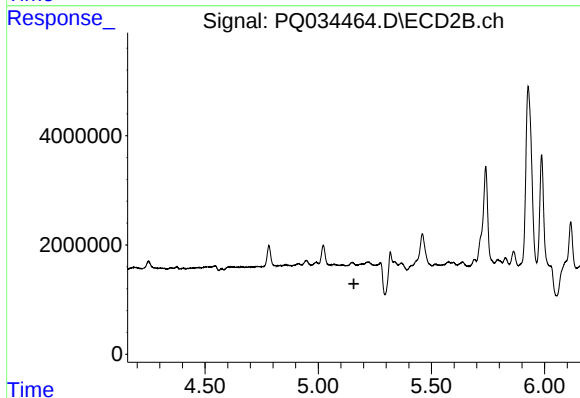
R.T.: 0.000 min  
Exp R.T. : 5.118 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

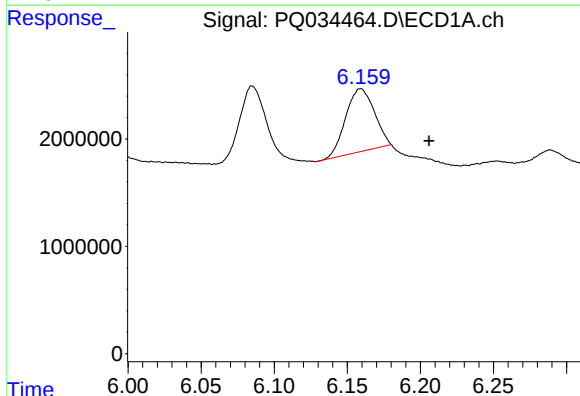
R.T.: 5.878 min  
Delta R.T.: -0.035 min  
Response: 869937  
Conc: 12.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



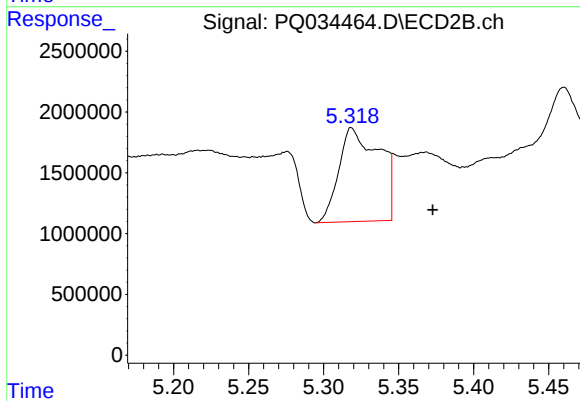
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.158 min  
Response: 0  
Conc: N.D.



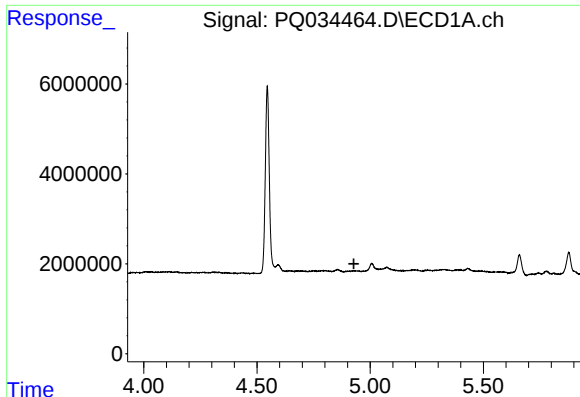
#7 AR-1016-5

R.T.: 6.159 min  
Delta R.T.: -0.047 min  
Response: 7984273  
Conc: 113.19 ng/ml



#7 AR-1016-5

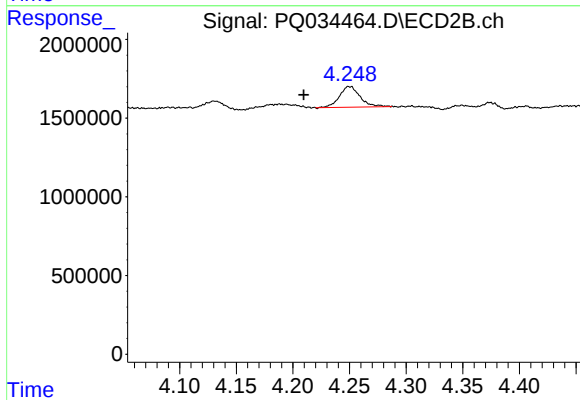
R.T.: 5.319 min  
Delta R.T.: -0.054 min  
Response: 14360259  
Conc: 269.26 ng/ml



#10 AR-1221-3

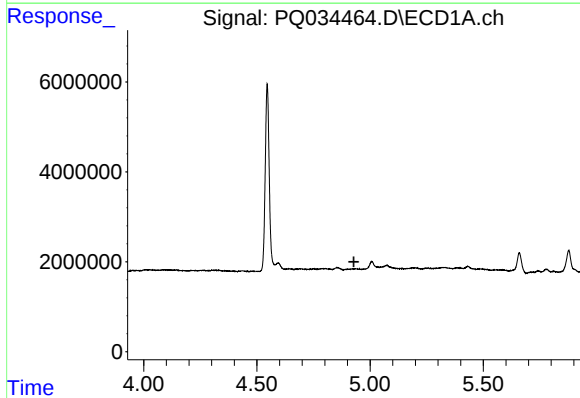
R.T.: 0.000 min  
Exp R.T. : 4.928 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



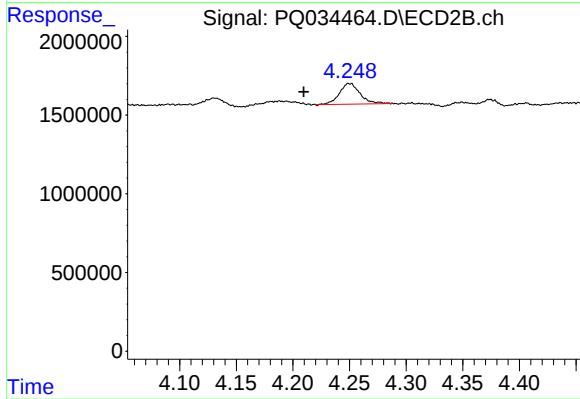
#10 AR-1221-3

R.T.: 4.250 min  
Delta R.T.: 0.041 min  
Response: 1671847  
Conc: 32.75 ng/ml



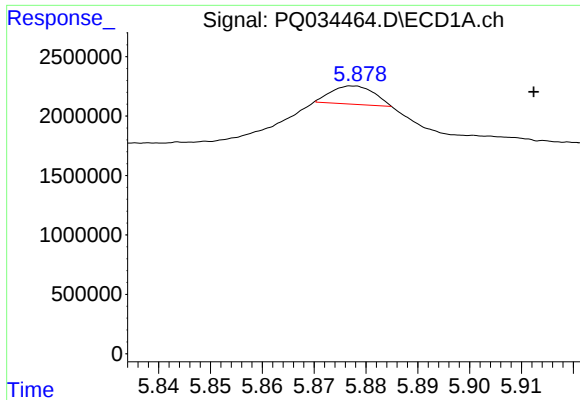
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.928 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

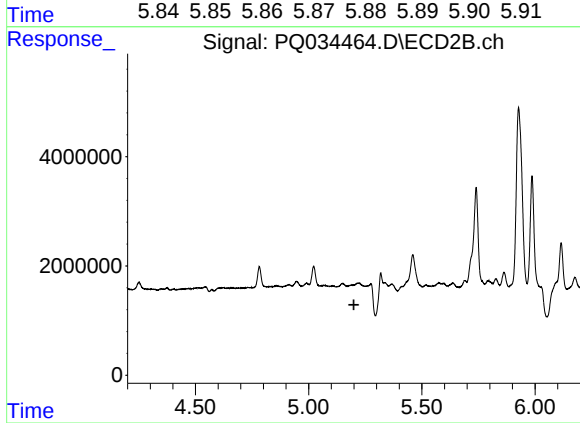
R.T.: 4.250 min  
Delta R.T.: 0.041 min  
Response: 1671847  
Conc: 44.19 ng/ml



#14 AR-1232-4

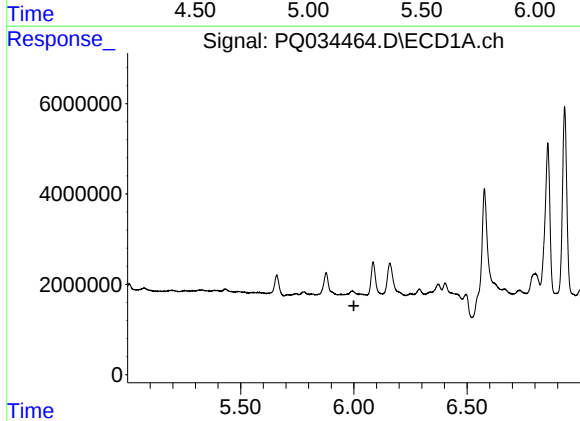
R.T.: 5.878 min  
Delta R.T.: -0.035 min  
Response: 869937  
Conc: 31.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



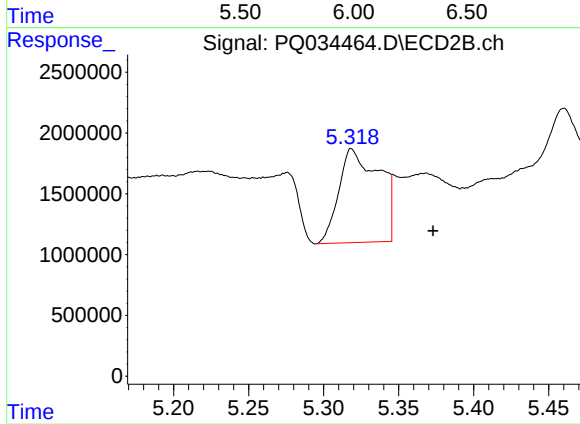
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.200 min  
Response: 0  
Conc: N.D.



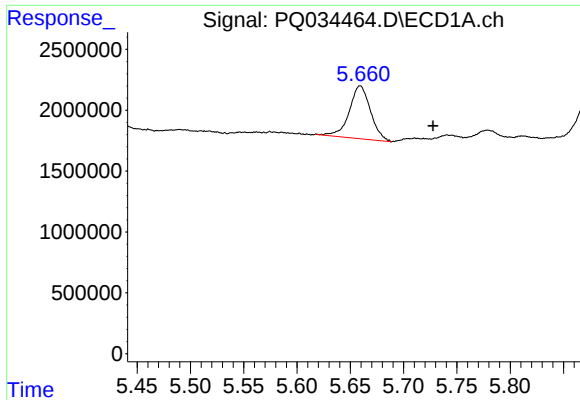
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.000 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

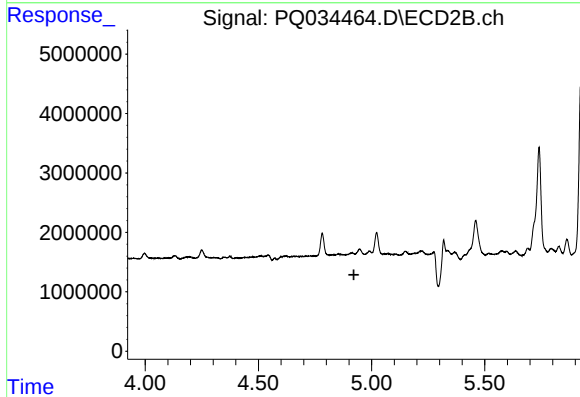
R.T.: 5.319 min  
Delta R.T.: -0.054 min  
Response: 14360259  
Conc: 710.60 ng/ml



#16 AR-1242-1

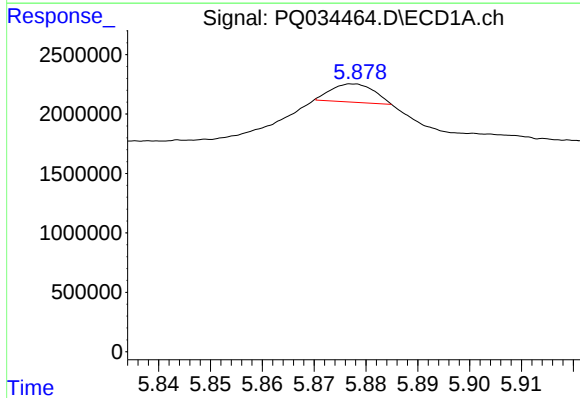
R.T.: 5.659 min  
Delta R.T.: -0.068 min  
Response: 6045903  
Conc: 76.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



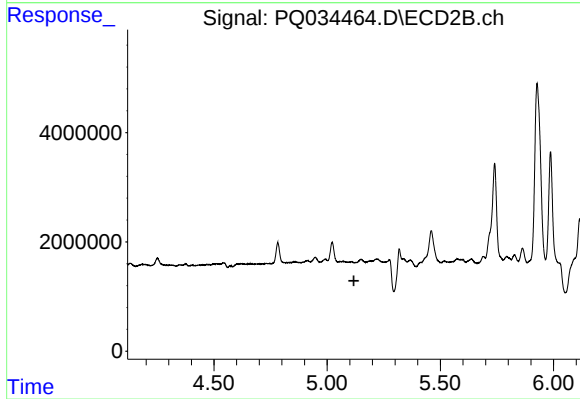
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.922 min  
Response: 0  
Conc: N.D.



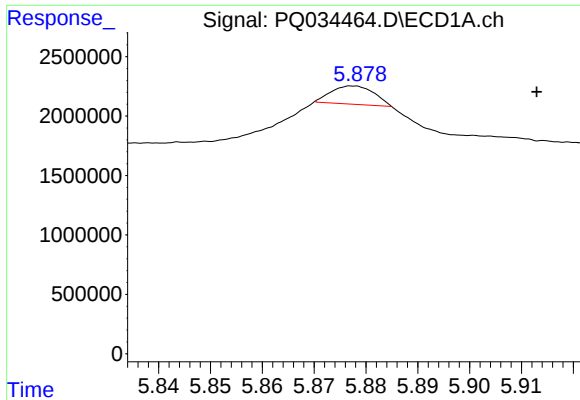
#18 AR-1242-3

R.T.: 5.878 min  
Delta R.T.: 0.064 min  
Response: 869937  
Conc: 12.30 ng/ml



#18 AR-1242-3

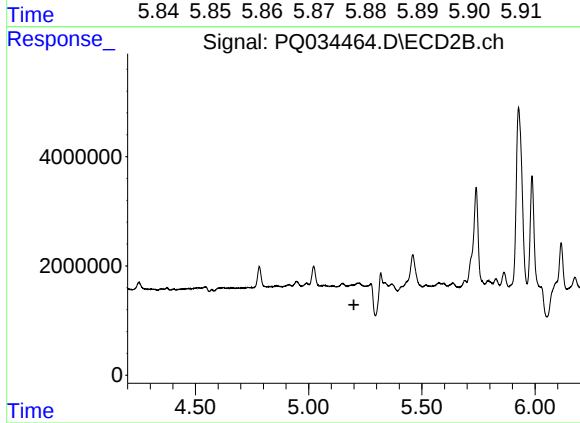
R.T.: 0.000 min  
Exp R.T. : 5.118 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

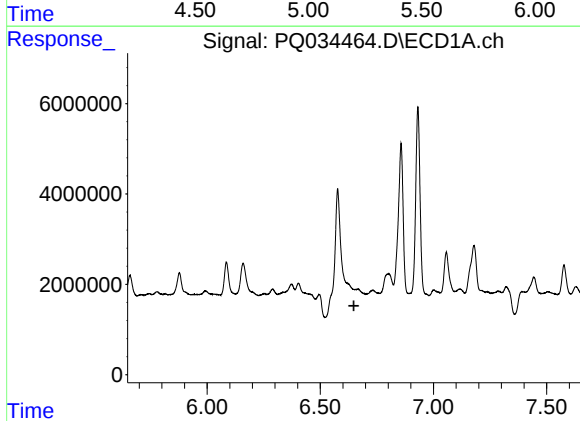
R.T.: 5.878 min  
Delta R.T.: -0.035 min  
Response: 869937  
Conc: 15.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



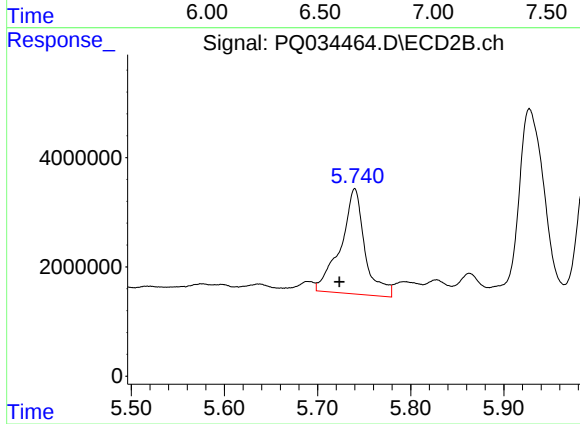
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.200 min  
Response: 0  
Conc: N.D.



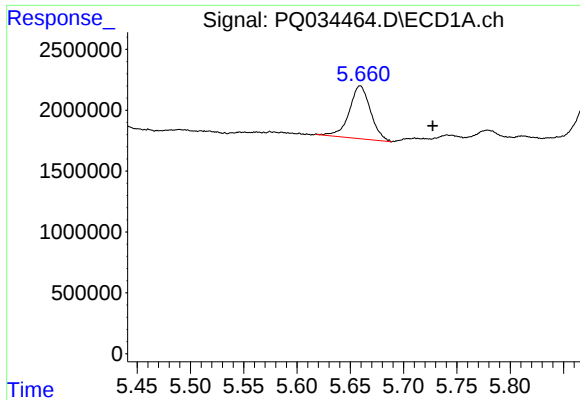
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.648 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

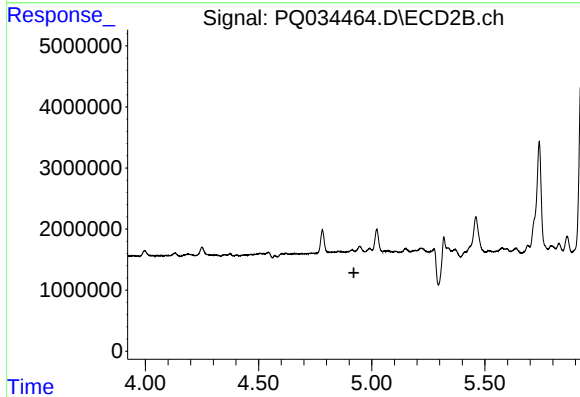
R.T.: 5.740 min  
Delta R.T.: 0.016 min  
Response: 34765845  
Conc: 665.83 ng/ml



#21 AR-1248-1

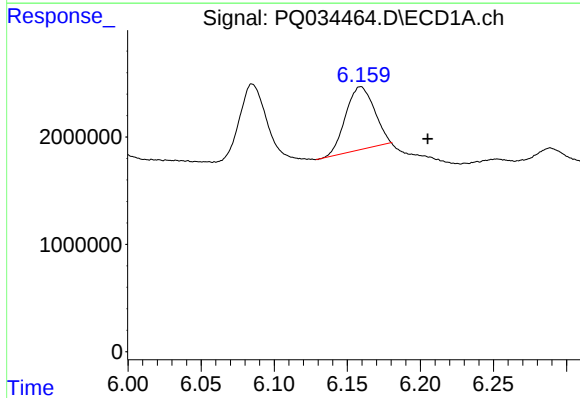
R.T.: 5.659 min  
Delta R.T.: -0.068 min  
Response: 6045903  
Conc: 93.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



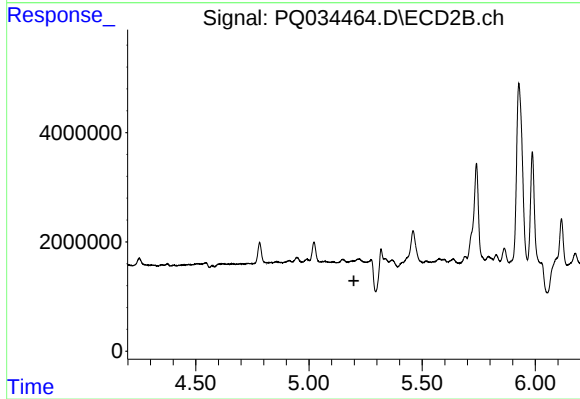
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.921 min  
Response: 0  
Conc: N.D.



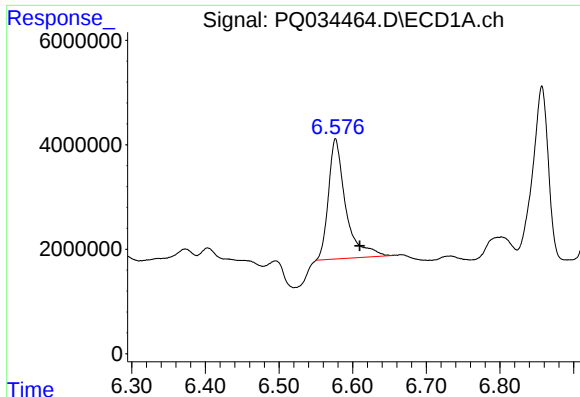
#23 AR-1248-3

R.T.: 6.159 min  
Delta R.T.: -0.046 min  
Response: 7984273  
Conc: 74.80 ng/ml



#23 AR-1248-3

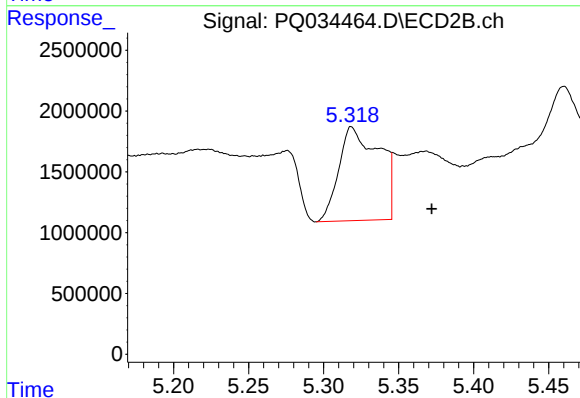
R.T.: 0.000 min  
Exp R.T. : 5.198 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

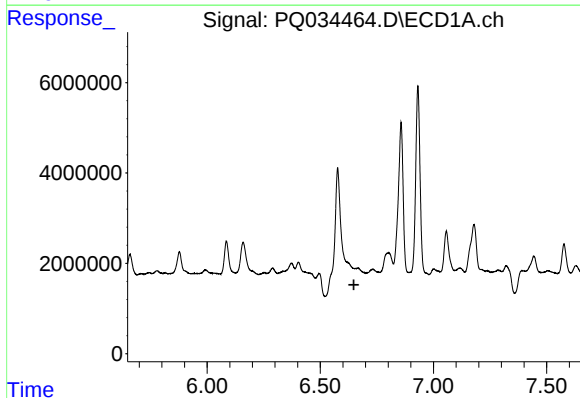
R.T.: 6.577 min  
Delta R.T.: -0.033 min  
Response: 37453264  
Conc: 308.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



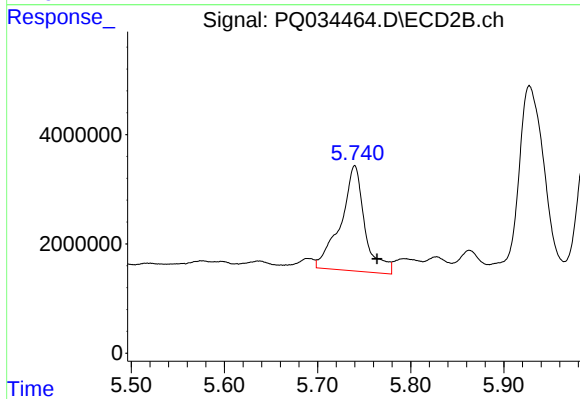
#24 AR-1248-4

R.T.: 5.319 min  
Delta R.T.: -0.053 min  
Response: 14360259  
Conc: 180.21 ng/ml



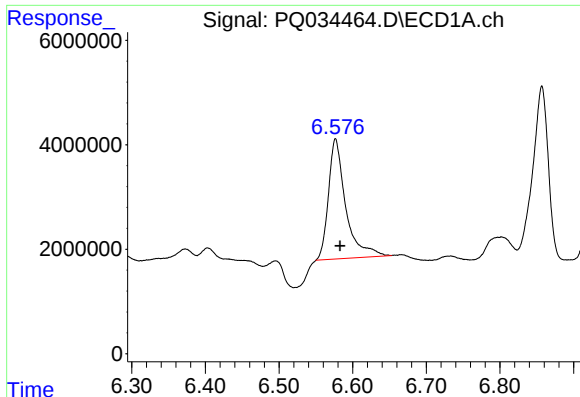
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

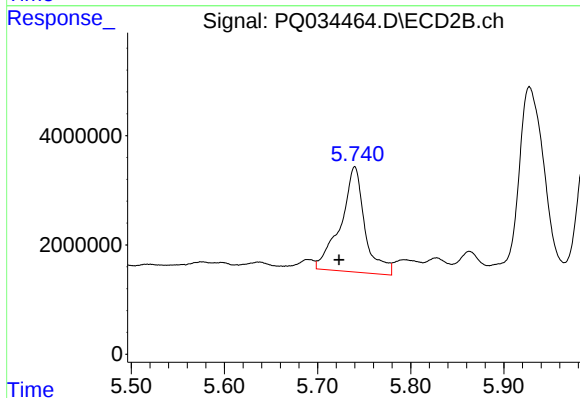
R.T.: 5.740 min  
Delta R.T.: -0.024 min  
Response: 34765845  
Conc: 432.20 ng/ml



#26 AR-1254-1

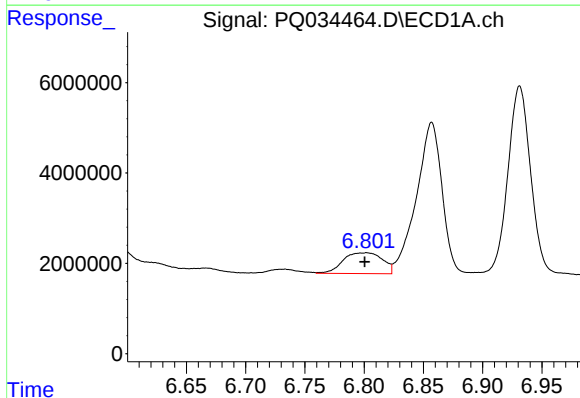
R.T.: 6.577 min  
Delta R.T.: -0.006 min  
Response: 37453264  
Conc: 331.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



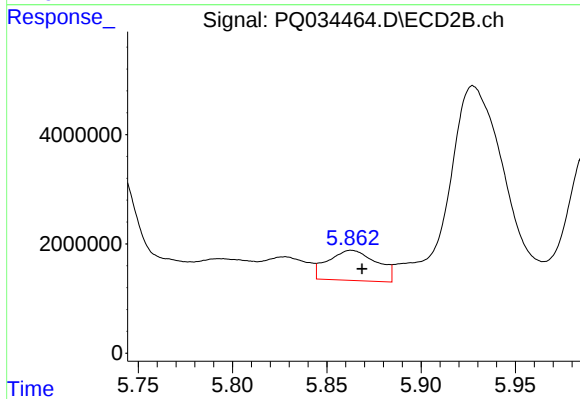
#26 AR-1254-1

R.T.: 5.740 min  
Delta R.T.: 0.017 min  
Response: 34765845  
Conc: 300.69 ng/ml



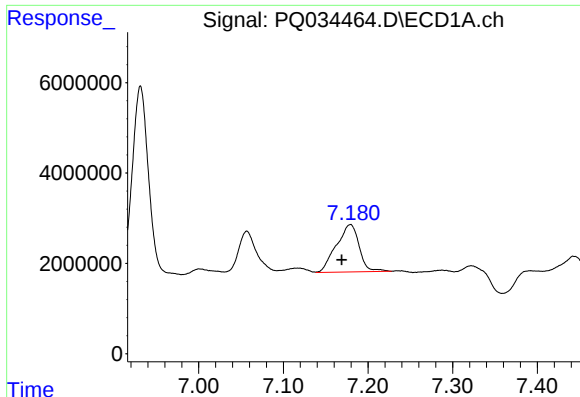
#27 AR-1254-2

R.T.: 6.802 min  
Delta R.T.: 0.002 min  
Response: 10671423  
Conc: 59.50 ng/ml



#27 AR-1254-2

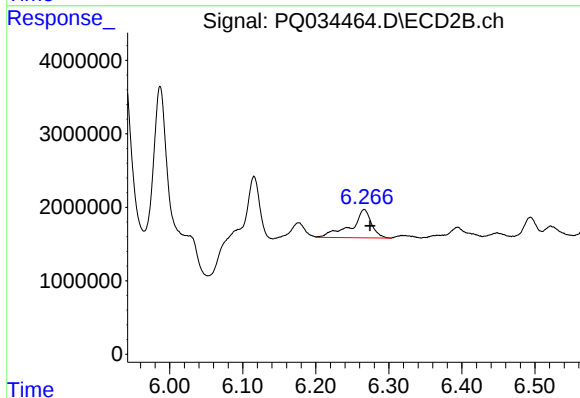
R.T.: 5.863 min  
Delta R.T.: -0.006 min  
Response: 9914336  
Conc: 99.08 ng/ml



#28 AR-1254-3

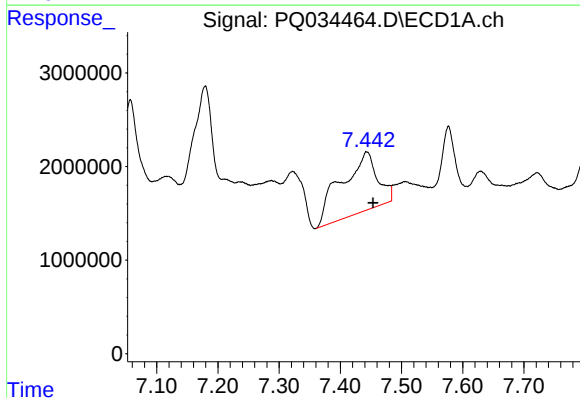
R.T.: 7.179 min  
Delta R.T.: 0.010 min  
Response: 19659763  
Conc: 101.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



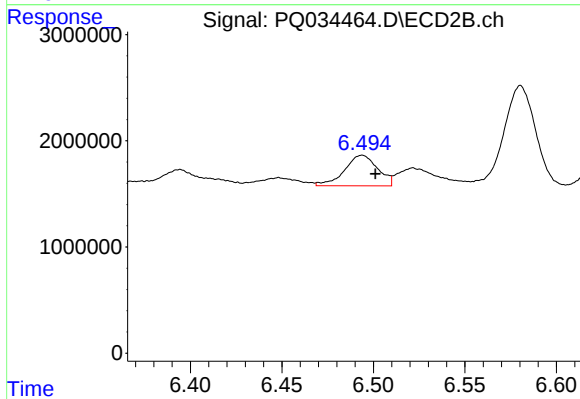
#28 AR-1254-3

R.T.: 6.266 min  
Delta R.T.: -0.008 min  
Response: 7560887  
Conc: 43.75 ng/ml



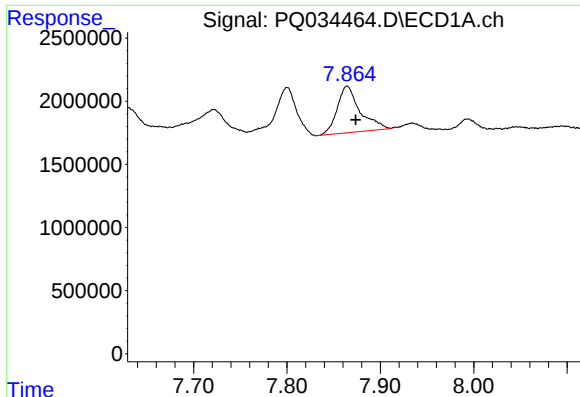
#29 AR-1254-4

R.T.: 7.443 min  
Delta R.T.: -0.011 min  
Response: 26018795  
Conc: 181.81 ng/ml



#29 AR-1254-4

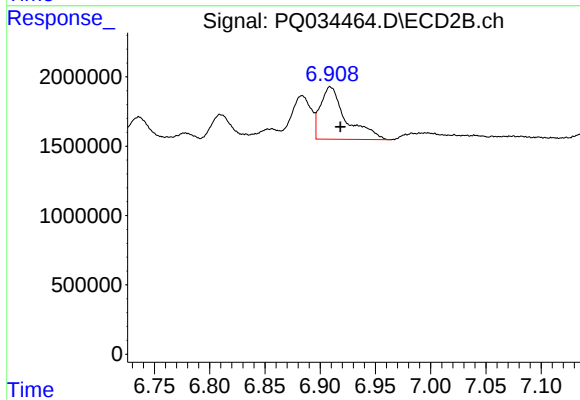
R.T.: 6.494 min  
Delta R.T.: -0.007 min  
Response: 3640230  
Conc: 33.40 ng/ml



#30 AR-1254-5

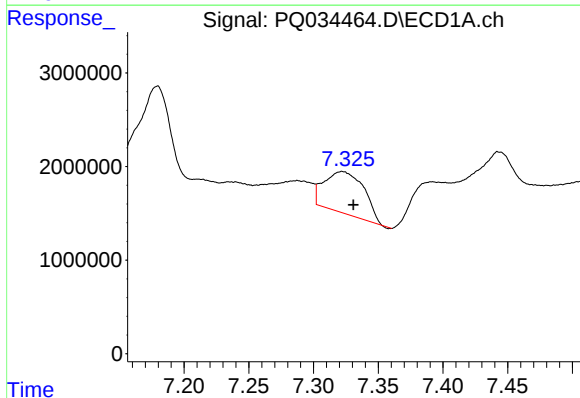
R.T.: 7.864 min  
Delta R.T.: -0.009 min  
Response: 6247117  
Conc: 39.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



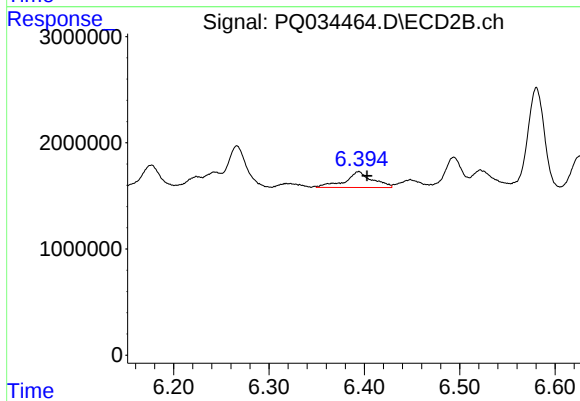
#30 AR-1254-5

R.T.: 6.909 min  
Delta R.T.: -0.009 min  
Response: 6100931  
Conc: 40.20 ng/ml



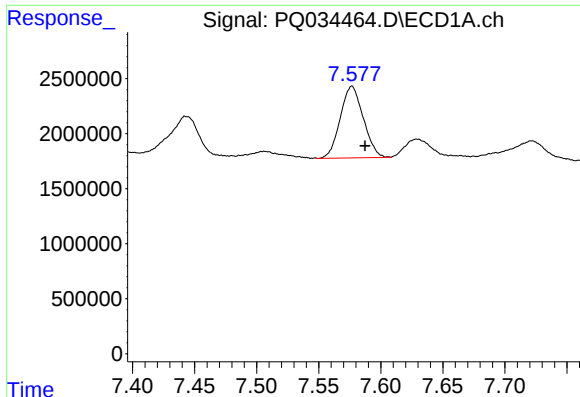
#31 AR-1260-1

R.T.: 7.322 min  
Delta R.T.: -0.009 min  
Response: 9390069  
Conc: 68.10 ng/ml



#31 AR-1260-1

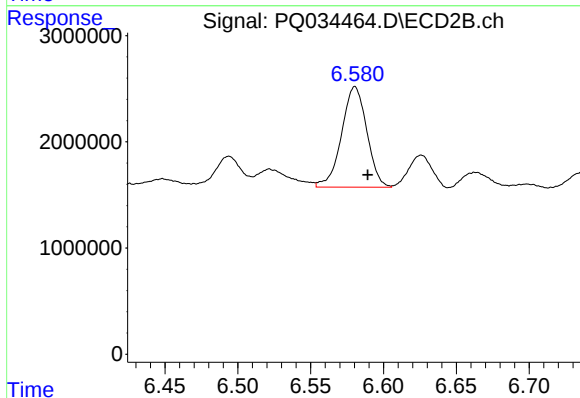
R.T.: 6.394 min  
Delta R.T.: -0.009 min  
Response: 2967755  
Conc: 25.79 ng/ml



#32 AR-1260-2

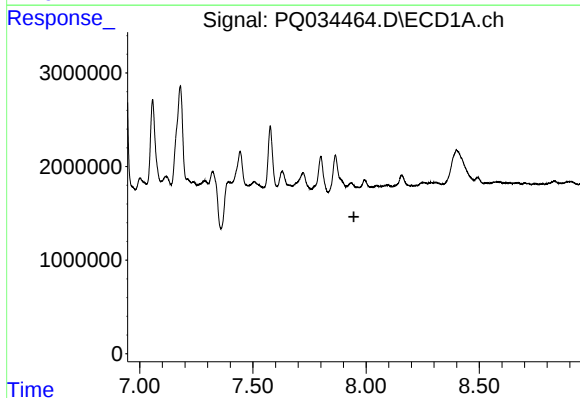
R.T.: 7.577 min  
Delta R.T.: -0.010 min  
Response: 8421640  
Conc: 48.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



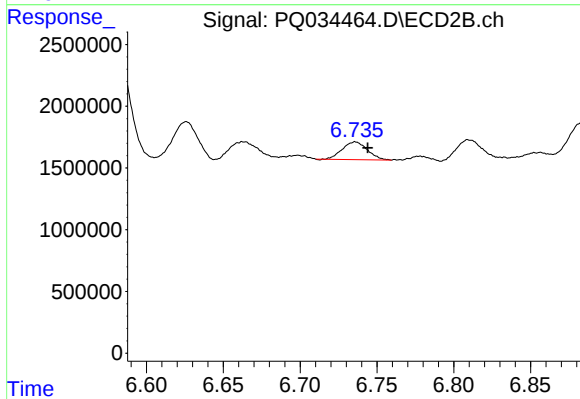
#32 AR-1260-2

R.T.: 6.580 min  
Delta R.T.: -0.009 min  
Response: 11440183  
Conc: 80.57 ng/ml



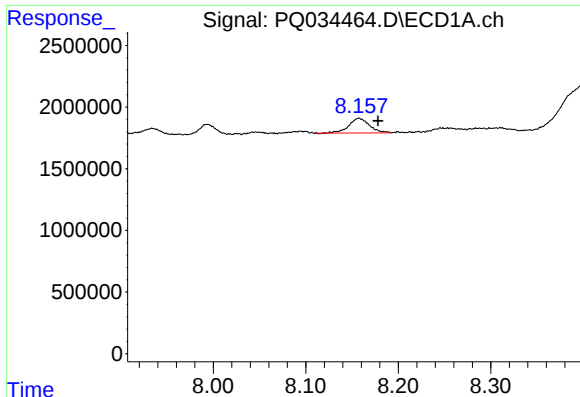
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.946 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

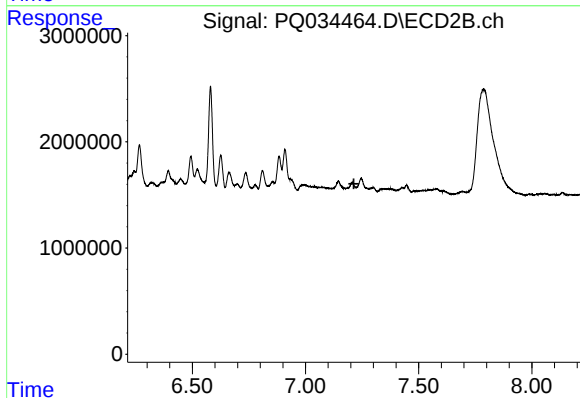
R.T.: 6.736 min  
Delta R.T.: -0.008 min  
Response: 1636169  
Conc: 12.42 ng/ml



#34 AR-1260-4

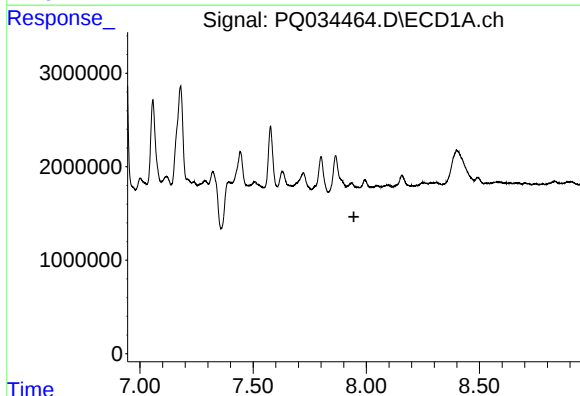
R.T.: 8.157 min  
Delta R.T.: -0.021 min  
Response: 1838595  
Conc: 14.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



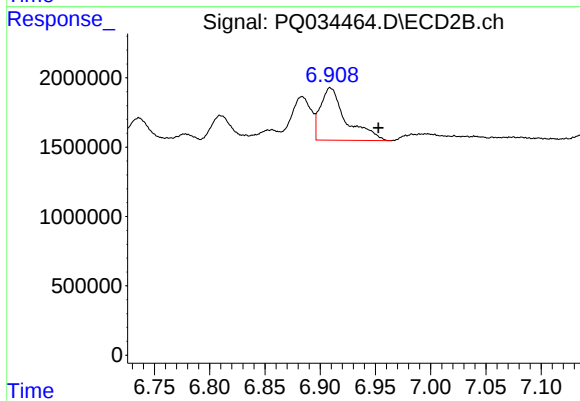
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.214 min  
Response: 0  
Conc: N.D.



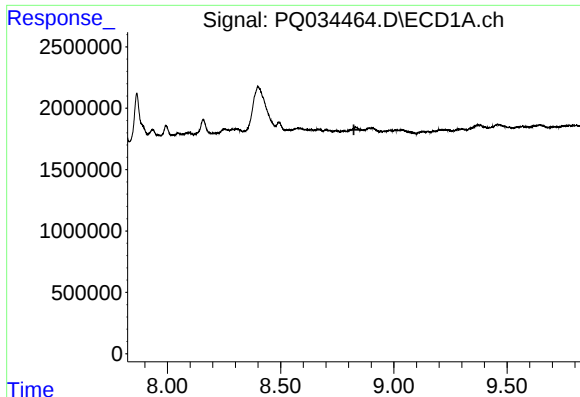
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.945 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

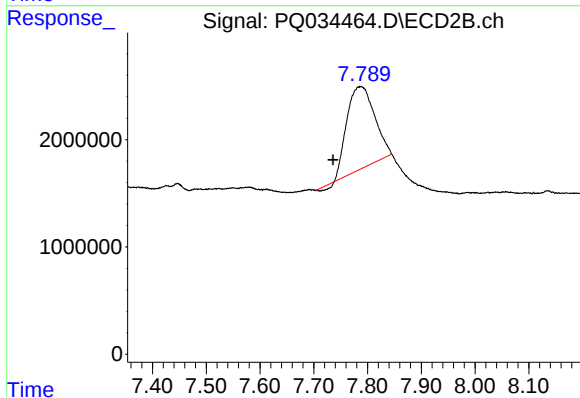
R.T.: 6.909 min  
Delta R.T.: -0.044 min  
Response: 6100931  
Conc: 40.63 ng/ml



#38 AR-1262-3

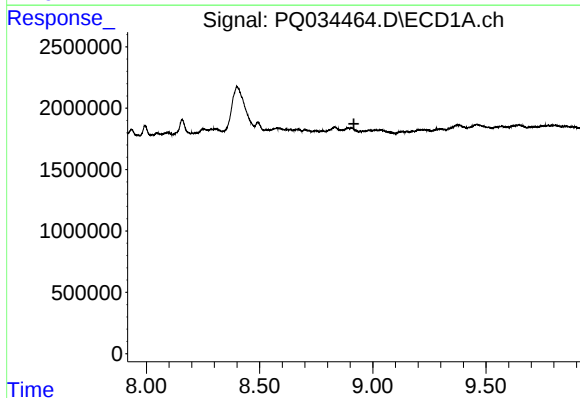
R.T.: 0.000 min  
Exp R.T.: 8.823 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



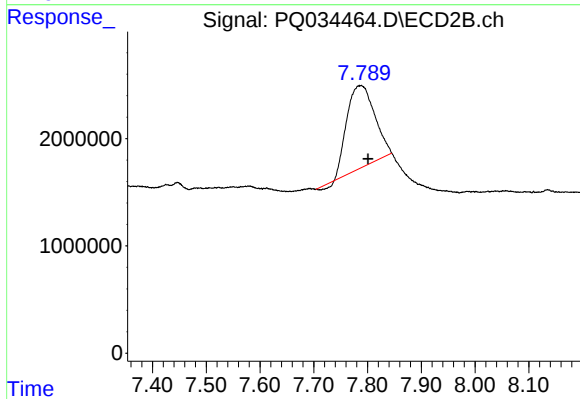
#38 AR-1262-3

R.T.: 7.788 min  
Delta R.T.: 0.052 min  
Response: 27367884  
Conc: 256.19 ng/ml



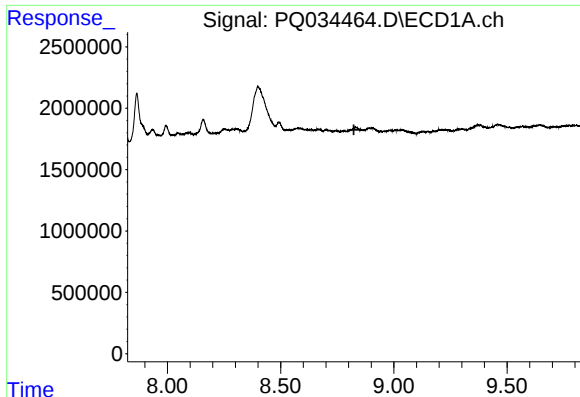
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.916 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

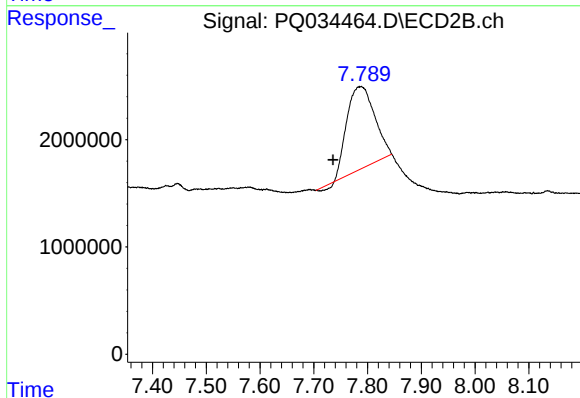
R.T.: 7.788 min  
Delta R.T.: -0.013 min  
Response: 27367884  
Conc: 133.65 ng/ml



#41 AR-1268-1

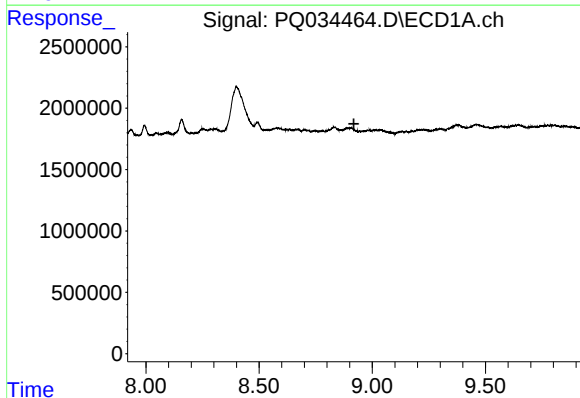
R.T.: 0.000 min  
Exp R.T.: 8.823 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



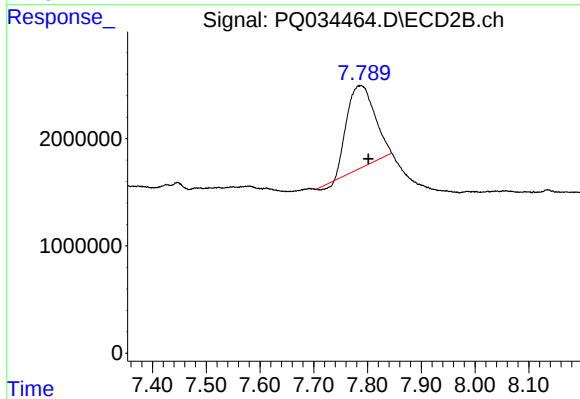
#41 AR-1268-1

R.T.: 7.788 min  
Delta R.T.: 0.052 min  
Response: 27367884  
Conc: 76.89 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.919 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.788 min  
Delta R.T.: -0.014 min  
Response: 27367884  
Conc: 85.66 ng/ml