

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ042019\  
 Data File : PQ039187.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2019 12:36  
 Operator : AJ\SJ  
 Sample : K2241-08  
 Misc : AR1221 LOQ 100 PPB  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 00:34:11 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ042019.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Apr 20 00:43:12 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 5.705  | 4.796  | 89129671 | 51968028 | 21.544  | 20.671   |
| 2)                          | SA Decachlor... | 12.113 | 10.562 | 104.2E6  | 61433129 | 17.614  | 17.822   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 7.154  | 6.250  | 6199095  | 4538447  | 40.003  | 45.478   |
| 4)                          | L1 AR-1016-2    | 7.179  | 6.272  | 9611070  | 5748480  | 41.390  | 40.146   |
| 5)                          | L1 AR-1016-3    | 7.251  | 6.486  | 6240338  | 3933425  | 45.143  | 50.471   |
| 6)                          | L1 AR-1016-4    | 7.364  | 6.541  | 4846751  | 2369733  | 41.262  | 38.150   |
| 7)                          | L1 AR-1016-5    | 7.698  | 6.793  | 4688735  | 2947648  | 39.538  | 35.124   |
| 8)                          | L2 AR-1221-1    | 0.000  | 5.103  | 0        | 1829041  | N.D.    | 66.528 # |
| 9)                          | L2 AR-1221-2    | 6.096  | 5.220  | 4162085  | 1816425  | 120.261 | 89.389 # |
| 10)                         | L2 AR-1221-3    | 6.192  | 5.325  | 9208526  | 5198801  | 80.528  | 75.617   |
| 11)                         | L3 AR-1232-1    | 6.192  | 5.325  | 9208526  | 5198801  | 104.748 | 101.762  |
| 12)                         | L3 AR-1232-2    | 6.837  | 6.272  | 4655192  | 5748480  | 101.791 | 97.666   |
| 13)                         | L3 AR-1232-3    | 7.179  | 6.486  | 9611070  | 3933425  | 104.155 | 125.944  |
| 14)                         | L3 AR-1232-4    | 7.364  | 6.590  | 4846751  | 3142827  | 105.354 | 110.686  |
| 15)                         | L3 AR-1232-5    | 7.469  | 6.793  | 3604138  | 2947648  | 107.159 | 86.816   |
| 16)                         | L4 AR-1242-1    | 7.154  | 6.250  | 6199095  | 4538447  | 44.920  | 50.991   |
| 17)                         | L4 AR-1242-2    | 7.179  | 6.272  | 9611070  | 5748480  | 48.008  | 45.574   |
| 18)                         | L4 AR-1242-3    | 7.251  | 6.486  | 6240338  | 3933425  | 50.883  | 57.230   |
| 19)                         | L4 AR-1242-4    | 7.364  | 6.590  | 4846751  | 3142827  | 47.631  | 45.820   |
| 20)                         | L4 AR-1242-5    | 8.186  | 7.203  | 4482916  | 3800077  | 39.056  | 42.004   |
| 21)                         | L5 AR-1248-1    | 7.154  | 6.250  | 6199095  | 4538447  | 65.514  | 72.216   |
| 22)                         | L5 AR-1248-2    | 7.469  | 6.541  | 3604138  | 2369733  | 27.717  | 27.750   |
| 23)                         | L5 AR-1248-3    | 7.698  | 6.590  | 4688735  | 3142827  | 29.949  | 34.868   |
| 24)                         | L5 AR-1248-4    | 8.145  | 6.793  | 4604735  | 2947648  | 25.705  | 26.520   |
| 25)                         | L5 AR-1248-5    | 8.186  | 7.249  | 4482916  | 3556560  | 25.256  | 31.416   |
| 26)                         | L6 AR-1254-1    | 8.114  | 7.203  | 3457317  | 3800077  | 16.743  | 18.546   |
| 27)                         | L6 AR-1254-2    | 8.358  | 0.000  | 2849027  | 0        | 8.738   | N.D. #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 7.818  | 0        | 1050852  | N.D.    | 3.433 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 9.653  | 0        | 336179   | N.D.    | 0.769 #  |
| -----                       |                 |        |        |          |          |         |          |

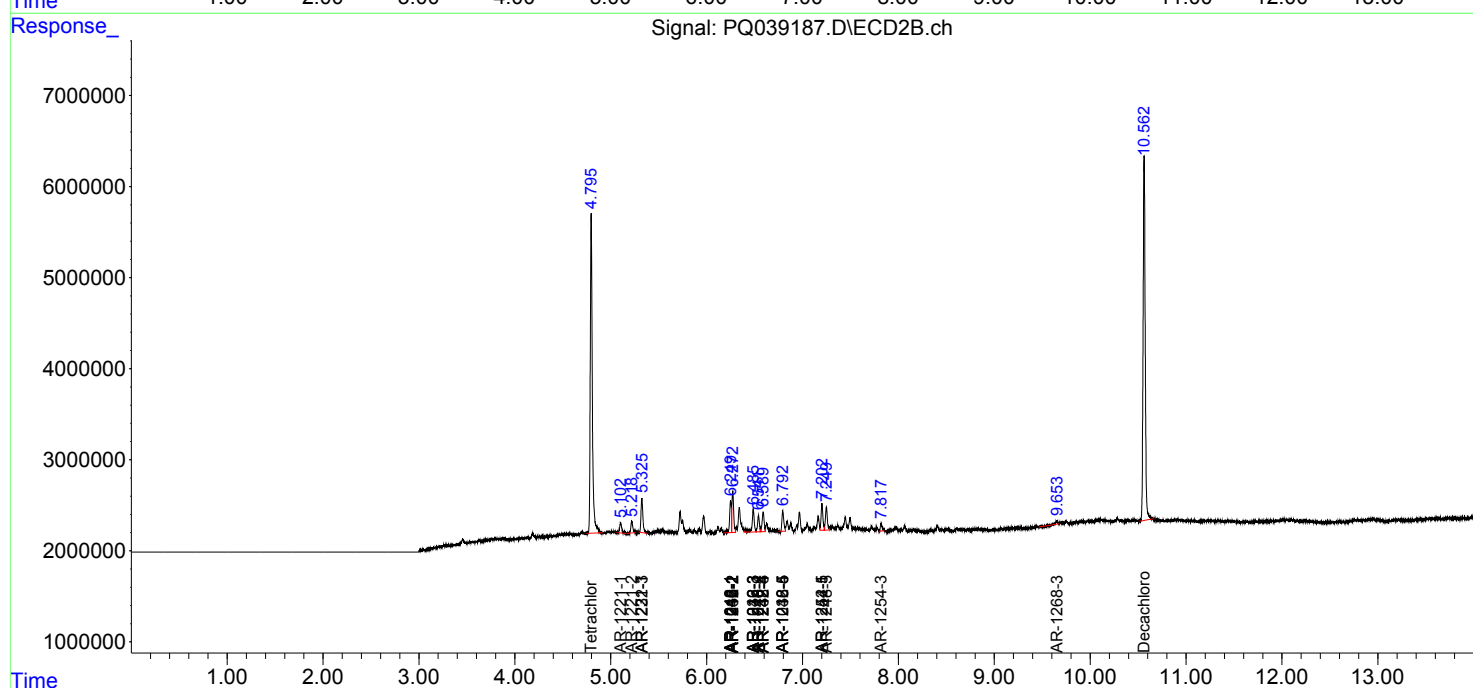
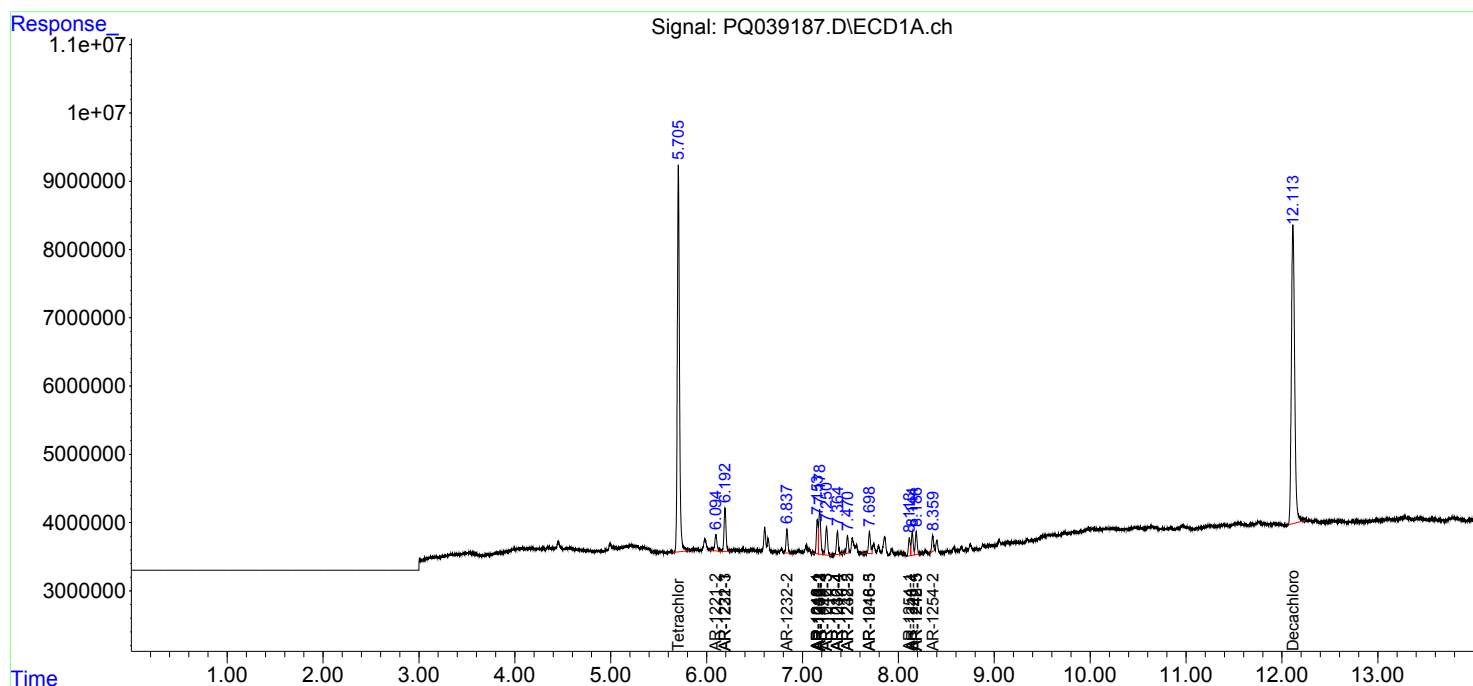
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

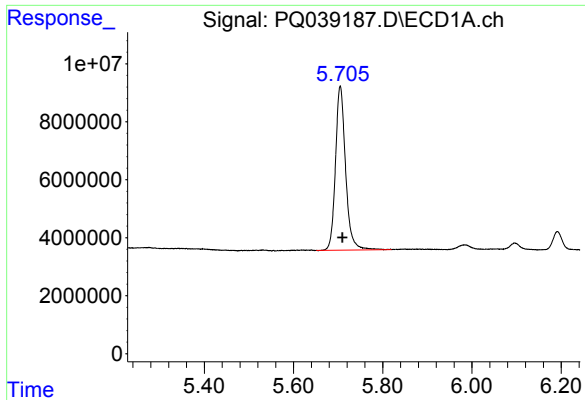
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ042019\  
Data File : PQ039187.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2019 12:36  
Operator : AJ\SJ  
Sample : K2241-08  
Misc : AR1221 LOQ 100 PPB  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 00:34:11 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ042019.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Apr 20 00:43:12 2019  
Response via : Initial Calibration  
Integrator: ChemStation

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

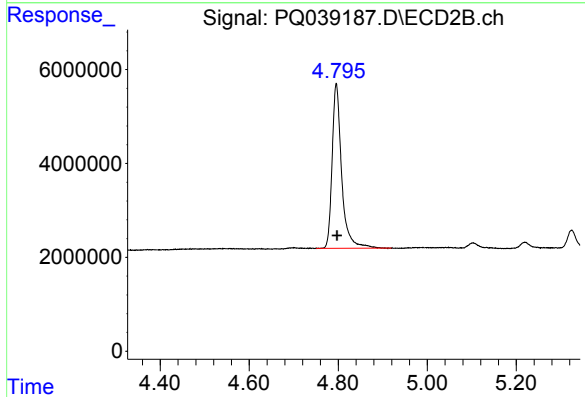




#1 Tetrachloro-m-xylene

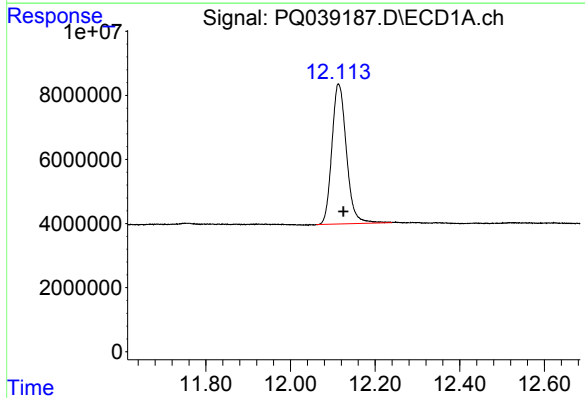
R.T.: 5.705 min  
Delta R.T.: -0.005 min  
Response: 89129671  
Conc: 21.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



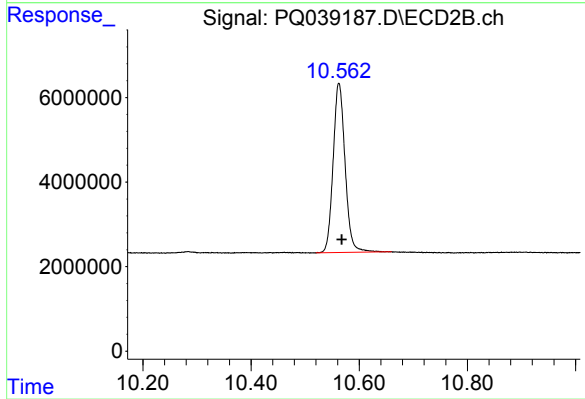
#1 Tetrachloro-m-xylene

R.T.: 4.796 min  
Delta R.T.: -0.002 min  
Response: 51968028  
Conc: 20.67 ng/ml



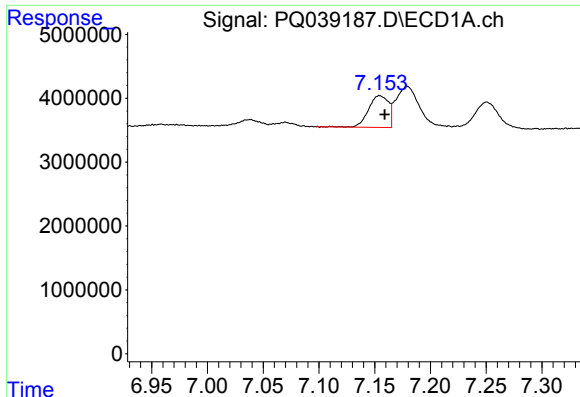
#2 Decachlorobiphenyl

R.T.: 12.113 min  
Delta R.T.: -0.012 min  
Response: 104173349  
Conc: 17.61 ng/ml



#2 Decachlorobiphenyl

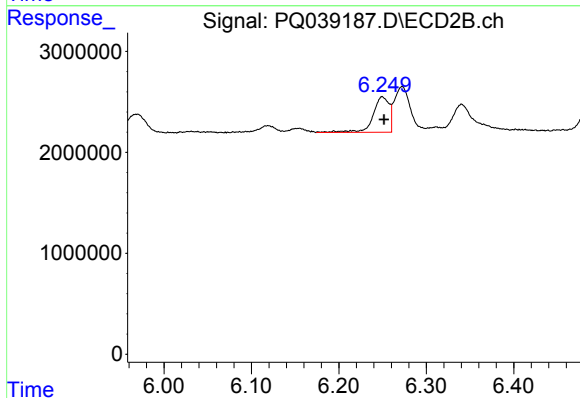
R.T.: 10.562 min  
Delta R.T.: -0.006 min  
Response: 61433129  
Conc: 17.82 ng/ml



#3 AR-1016-1

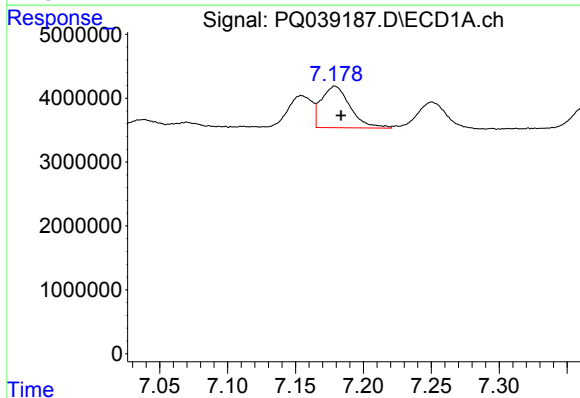
R.T.: 7.154 min  
Delta R.T.: -0.005 min  
Response: 6199095  
Conc: 40.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



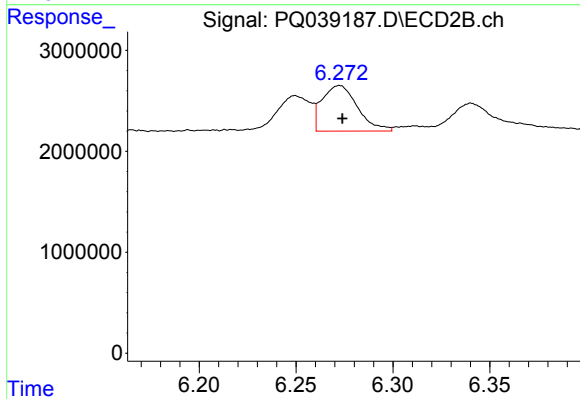
#3 AR-1016-1

R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 4538447  
Conc: 45.48 ng/ml



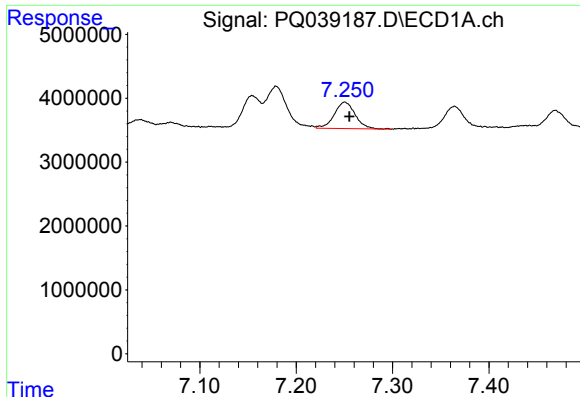
#4 AR-1016-2

R.T.: 7.179 min  
Delta R.T.: -0.005 min  
Response: 9611070  
Conc: 41.39 ng/ml



#4 AR-1016-2

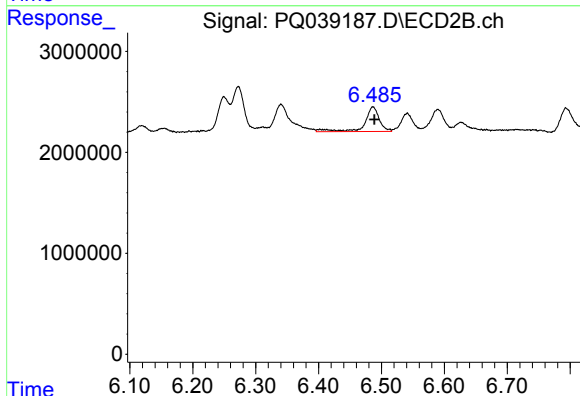
R.T.: 6.272 min  
Delta R.T.: -0.002 min  
Response: 5748480  
Conc: 40.15 ng/ml



#5 AR-1016-3

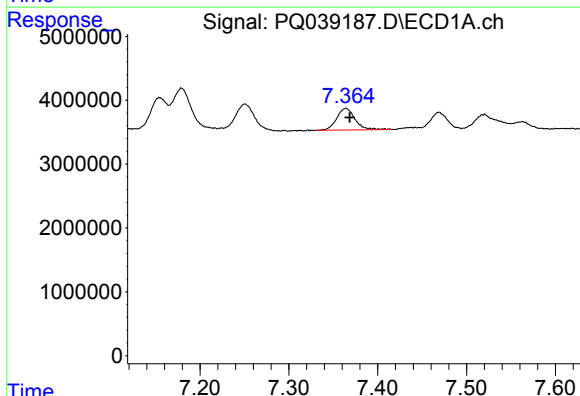
R.T.: 7.251 min  
Delta R.T.: -0.005 min  
Response: 6240338  
Conc: 45.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



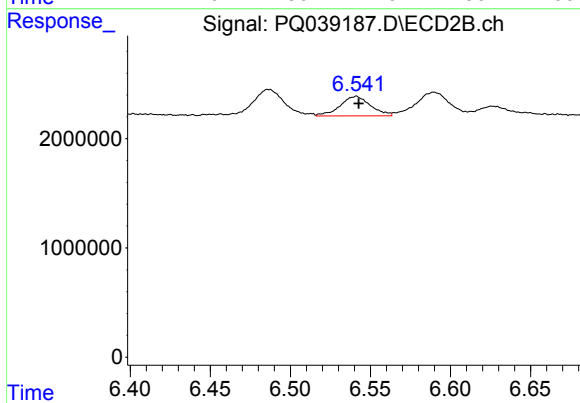
#5 AR-1016-3

R.T.: 6.486 min  
Delta R.T.: -0.003 min  
Response: 3933425  
Conc: 50.47 ng/ml



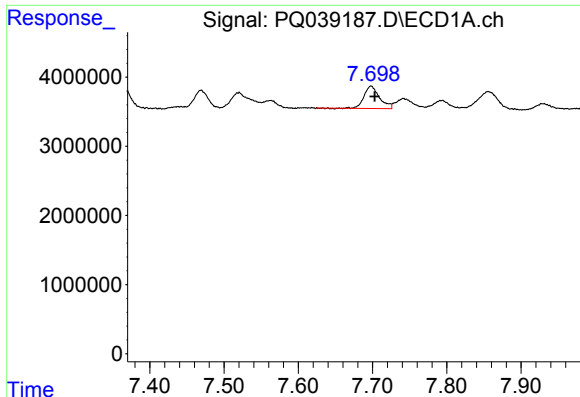
#6 AR-1016-4

R.T.: 7.364 min  
Delta R.T.: -0.004 min  
Response: 4846751  
Conc: 41.26 ng/ml



#6 AR-1016-4

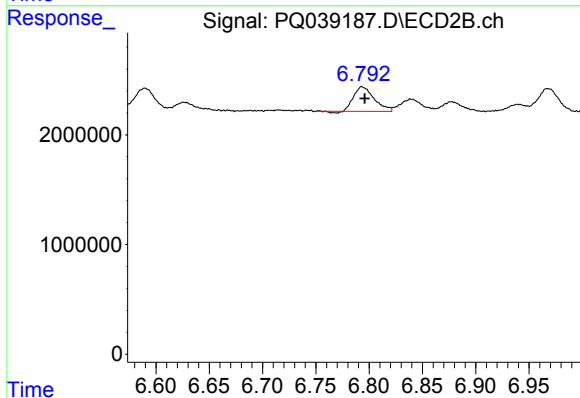
R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 2369733  
Conc: 38.15 ng/ml



#7 AR-1016-5

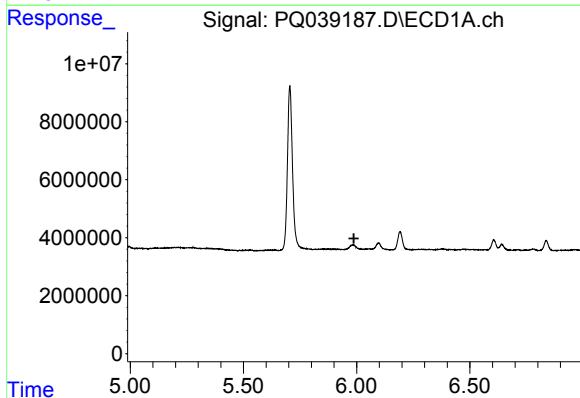
R.T.: 7.698 min  
Delta R.T.: -0.005 min  
Response: 4688735  
Conc: 39.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



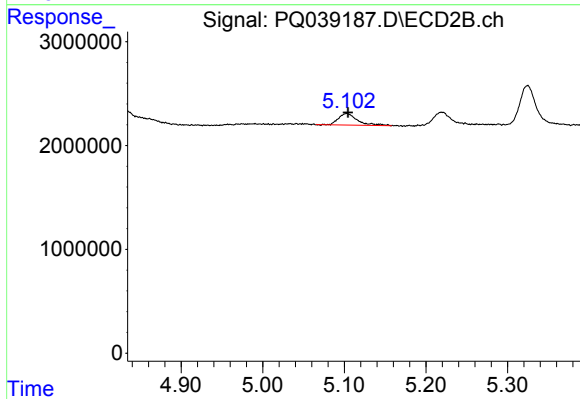
#7 AR-1016-5

R.T.: 6.793 min  
Delta R.T.: -0.002 min  
Response: 2947648  
Conc: 35.12 ng/ml



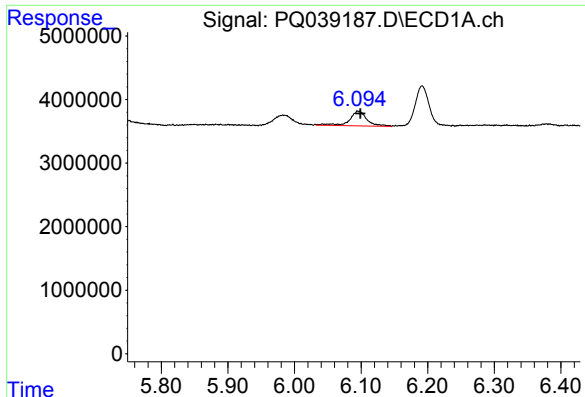
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 5.988 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

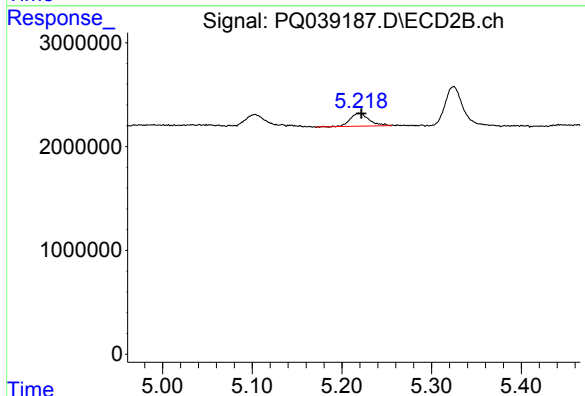
R.T.: 5.103 min  
Delta R.T.: -0.002 min  
Response: 1829041  
Conc: 66.53 ng/ml



#9 AR-1221-2

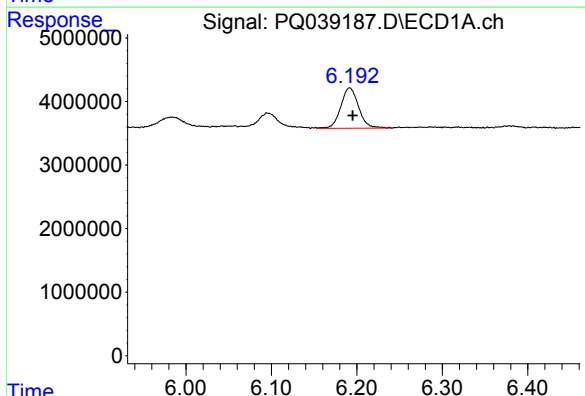
R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 4162085  
Conc: 120.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



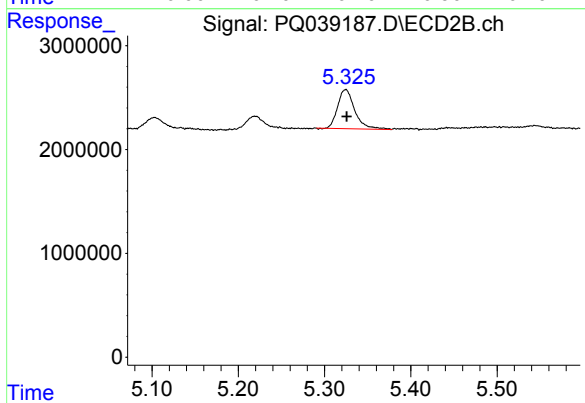
#9 AR-1221-2

R.T.: 5.220 min  
Delta R.T.: -0.002 min  
Response: 1816425  
Conc: 89.39 ng/ml



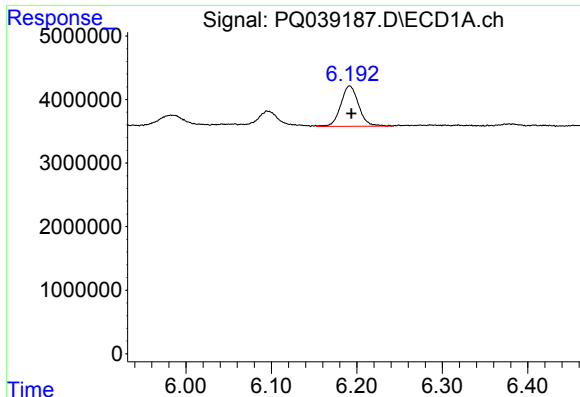
#10 AR-1221-3

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 9208526  
Conc: 80.53 ng/ml



#10 AR-1221-3

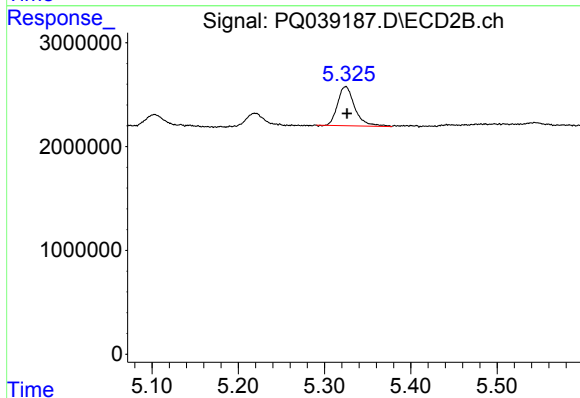
R.T.: 5.325 min  
Delta R.T.: -0.001 min  
Response: 5198801  
Conc: 75.62 ng/ml



#11 AR-1232-1

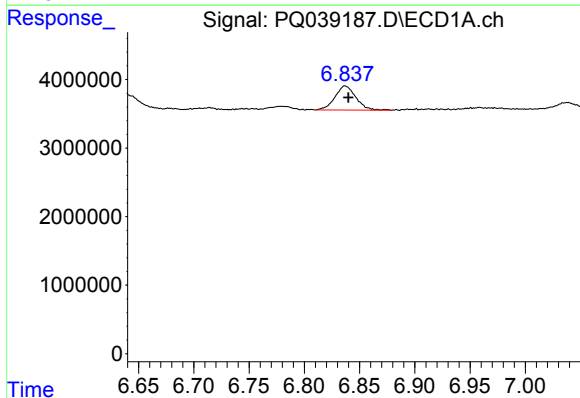
R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 9208526  
Conc: 104.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



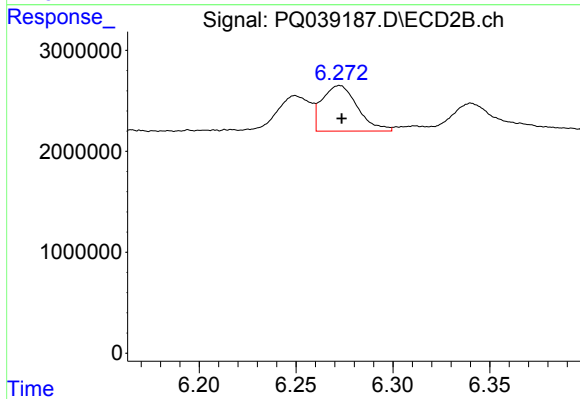
#11 AR-1232-1

R.T.: 5.325 min  
Delta R.T.: -0.001 min  
Response: 5198801  
Conc: 101.76 ng/ml



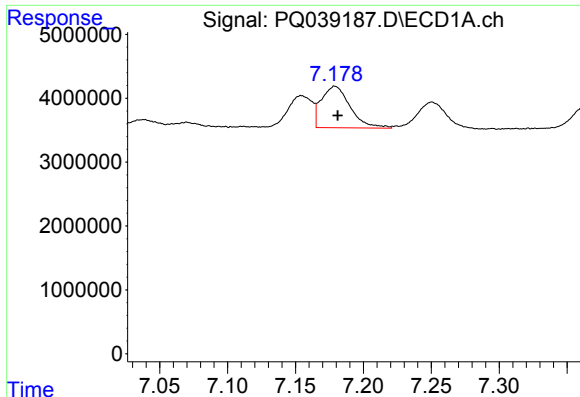
#12 AR-1232-2

R.T.: 6.837 min  
Delta R.T.: -0.003 min  
Response: 4655192  
Conc: 101.79 ng/ml



#12 AR-1232-2

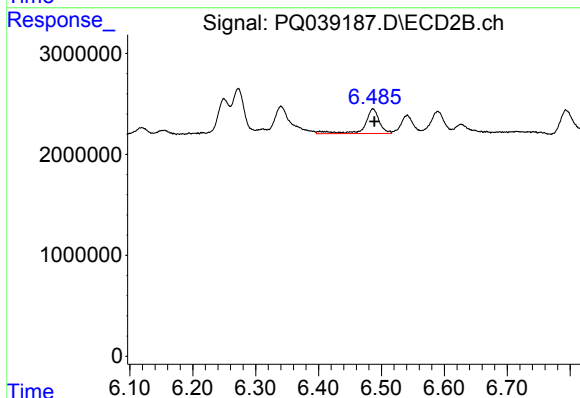
R.T.: 6.272 min  
Delta R.T.: -0.001 min  
Response: 5748480  
Conc: 97.67 ng/ml



#13 AR-1232-3

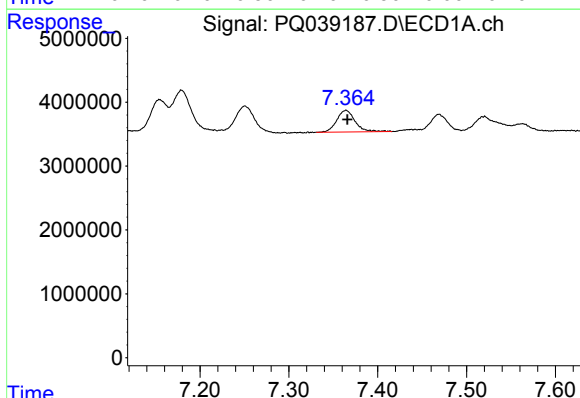
R.T.: 7.179 min  
Delta R.T.: -0.002 min  
Response: 9611070  
Conc: 104.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



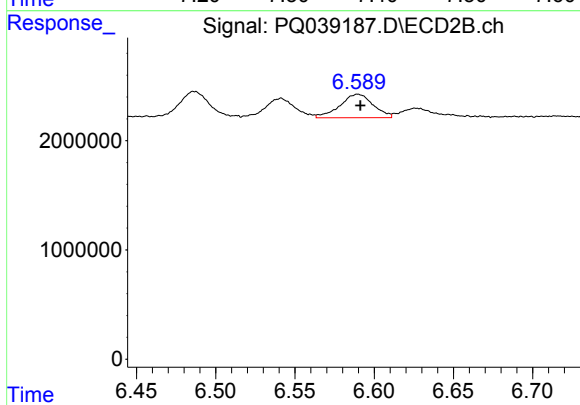
#13 AR-1232-3

R.T.: 6.486 min  
Delta R.T.: -0.002 min  
Response: 3933425  
Conc: 125.94 ng/ml



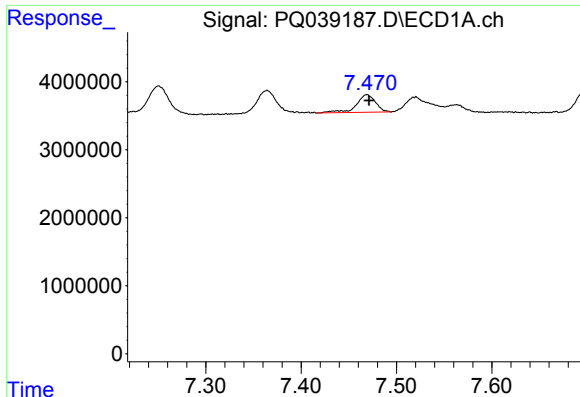
#14 AR-1232-4

R.T.: 7.364 min  
Delta R.T.: -0.002 min  
Response: 4846751  
Conc: 105.35 ng/ml



#14 AR-1232-4

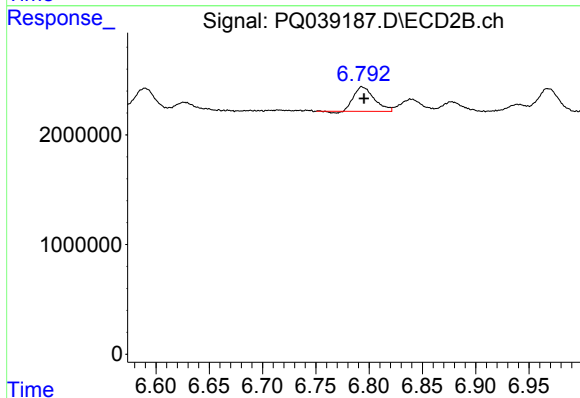
R.T.: 6.590 min  
Delta R.T.: -0.001 min  
Response: 3142827  
Conc: 110.69 ng/ml



#15 AR-1232-5

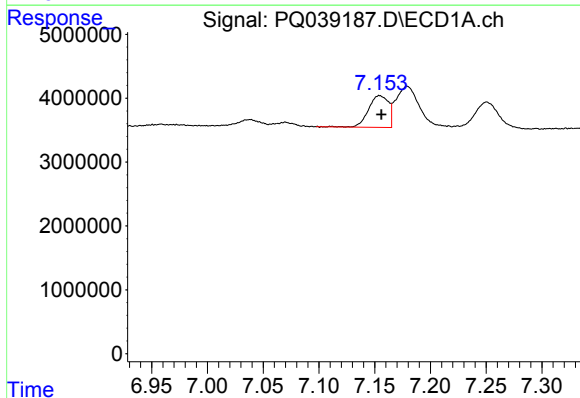
R.T.: 7.469 min  
Delta R.T.: -0.002 min  
Response: 3604138  
Conc: 107.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



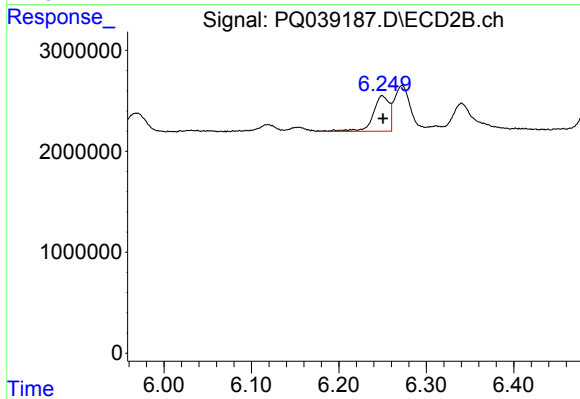
#15 AR-1232-5

R.T.: 6.793 min  
Delta R.T.: -0.002 min  
Response: 2947648  
Conc: 86.82 ng/ml



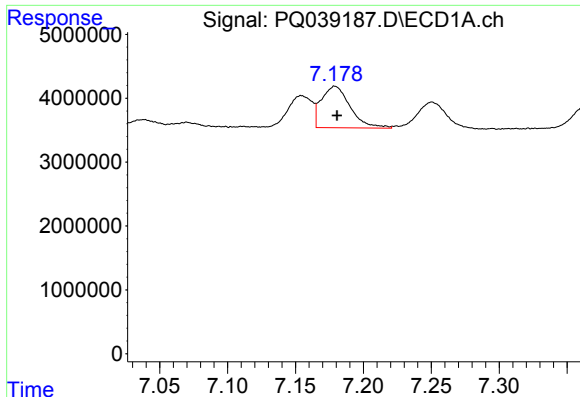
#16 AR-1242-1

R.T.: 7.154 min  
Delta R.T.: -0.002 min  
Response: 6199095  
Conc: 44.92 ng/ml



#16 AR-1242-1

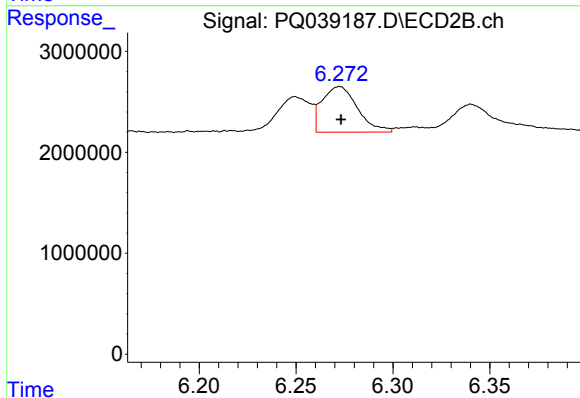
R.T.: 6.250 min  
Delta R.T.: -0.001 min  
Response: 4538447  
Conc: 50.99 ng/ml



#17 AR-1242-2

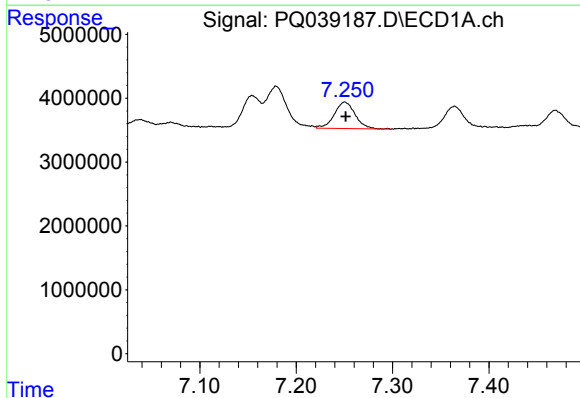
R.T.: 7.179 min  
Delta R.T.: -0.001 min  
Response: 9611070  
Conc: 48.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



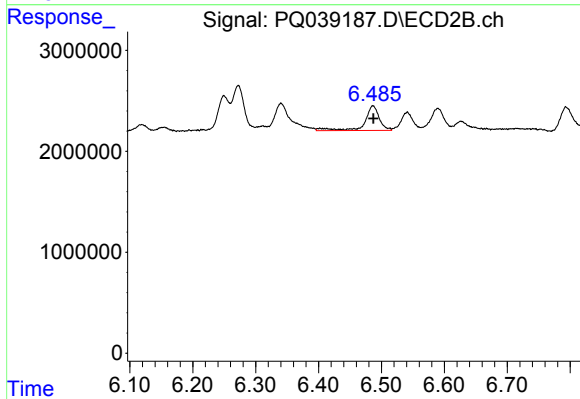
#17 AR-1242-2

R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 5748480  
Conc: 45.57 ng/ml



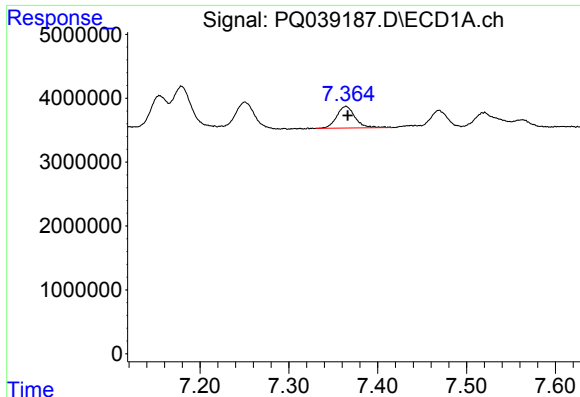
#18 AR-1242-3

R.T.: 7.251 min  
Delta R.T.: -0.001 min  
Response: 6240338  
Conc: 50.88 ng/ml



#18 AR-1242-3

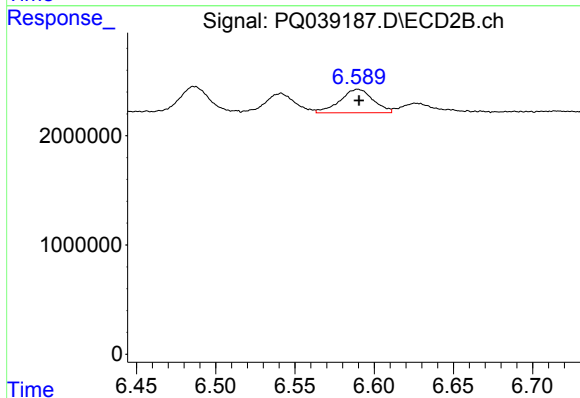
R.T.: 6.486 min  
Delta R.T.: -0.001 min  
Response: 3933425  
Conc: 57.23 ng/ml



#19 AR-1242-4

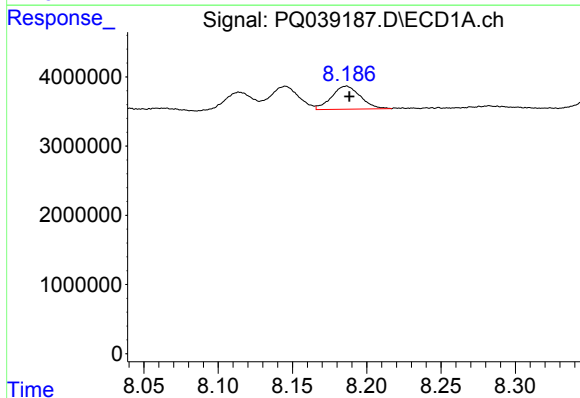
R.T.: 7.364 min  
Delta R.T.: -0.002 min  
Response: 4846751  
Conc: 47.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



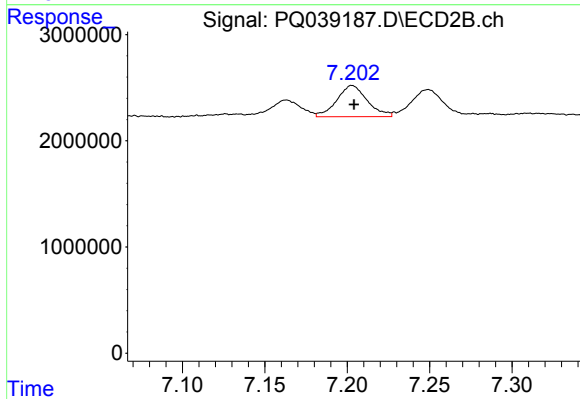
#19 AR-1242-4

R.T.: 6.590 min  
Delta R.T.: 0.000 min  
Response: 3142827  
Conc: 45.82 ng/ml



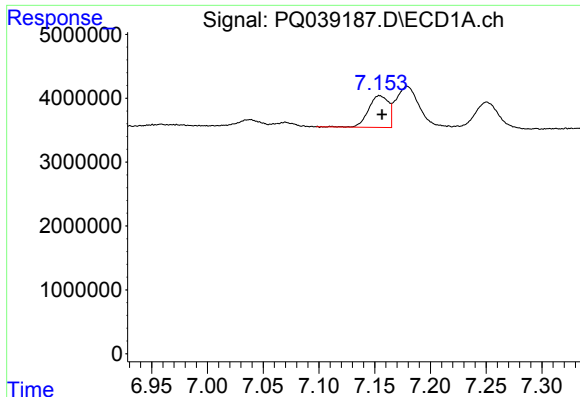
#20 AR-1242-5

R.T.: 8.186 min  
Delta R.T.: -0.002 min  
Response: 4482916  
Conc: 39.06 ng/ml



#20 AR-1242-5

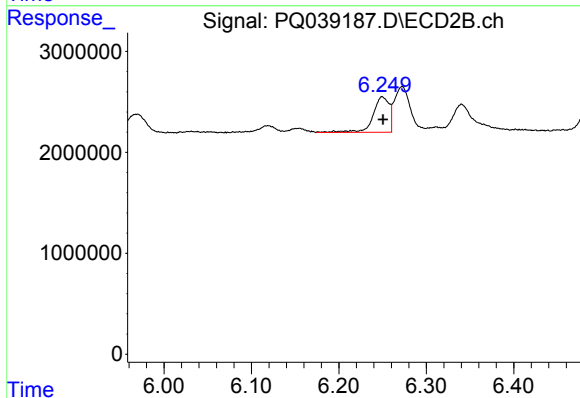
R.T.: 7.203 min  
Delta R.T.: -0.001 min  
Response: 3800077  
Conc: 42.00 ng/ml



#21 AR-1248-1

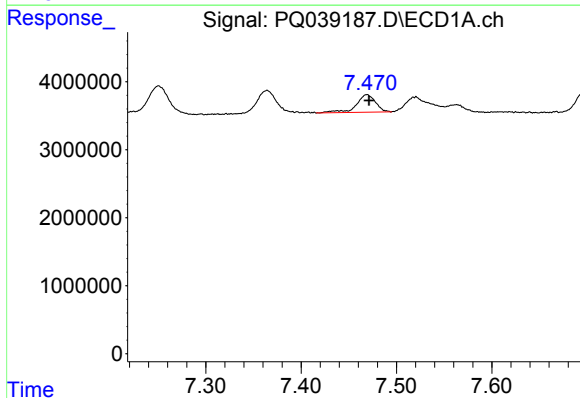
R.T.: 7.154 min  
Delta R.T.: -0.002 min  
Response: 6199095  
Conc: 65.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



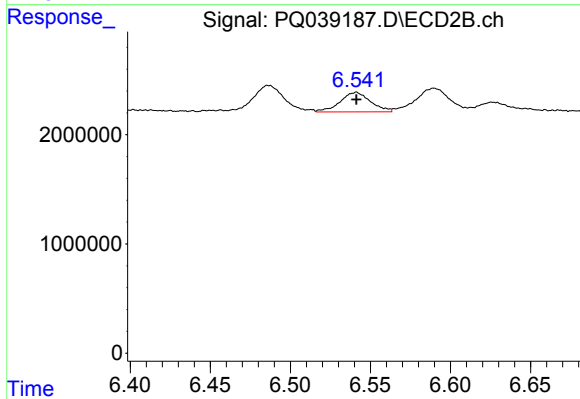
#21 AR-1248-1

R.T.: 6.250 min  
Delta R.T.: -0.001 min  
Response: 4538447  
Conc: 72.22 ng/ml



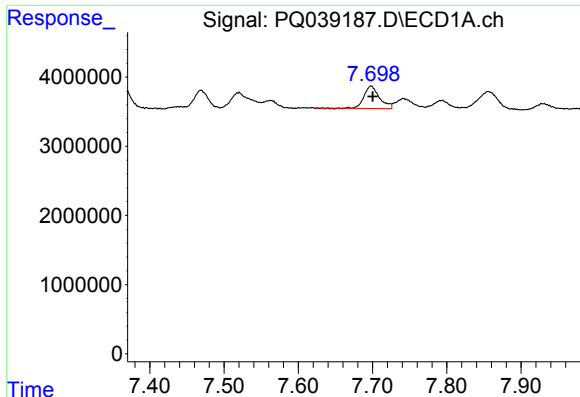
#22 AR-1248-2

R.T.: 7.469 min  
Delta R.T.: -0.002 min  
Response: 3604138  
Conc: 27.72 ng/ml



#22 AR-1248-2

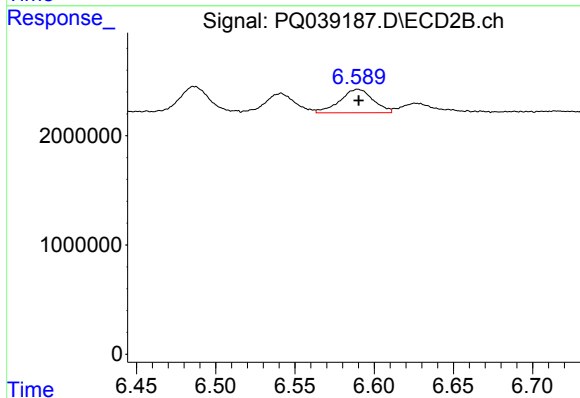
R.T.: 6.541 min  
Delta R.T.: 0.000 min  
Response: 2369733  
Conc: 27.75 ng/ml



#23 AR-1248-3

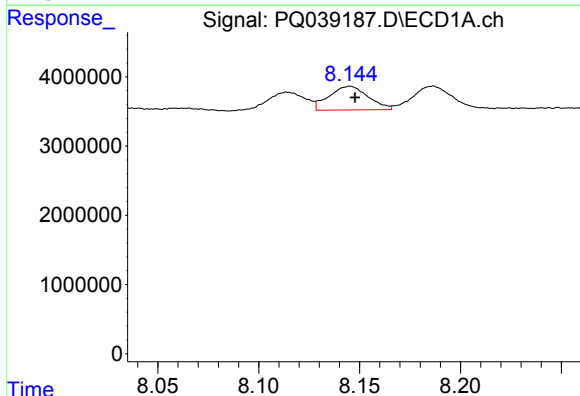
R.T.: 7.698 min  
Delta R.T.: -0.002 min  
Response: 4688735  
Conc: 29.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



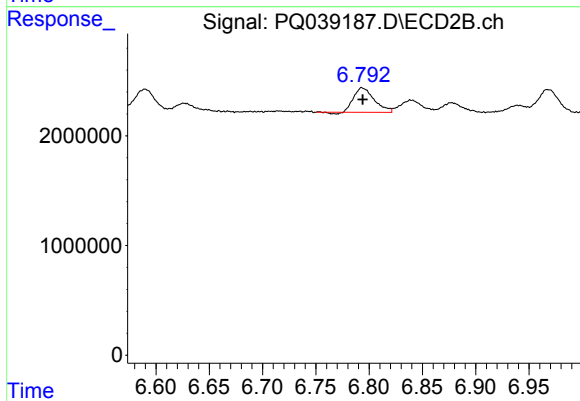
#23 AR-1248-3

R.T.: 6.590 min  
Delta R.T.: 0.000 min  
Response: 3142827  
Conc: 34.87 ng/ml



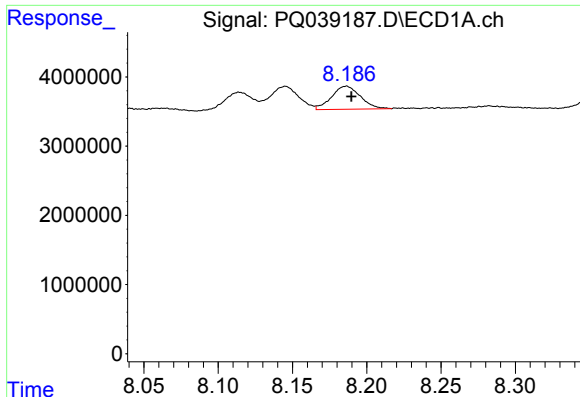
#24 AR-1248-4

R.T.: 8.145 min  
Delta R.T.: -0.003 min  
Response: 4604735  
Conc: 25.71 ng/ml



#24 AR-1248-4

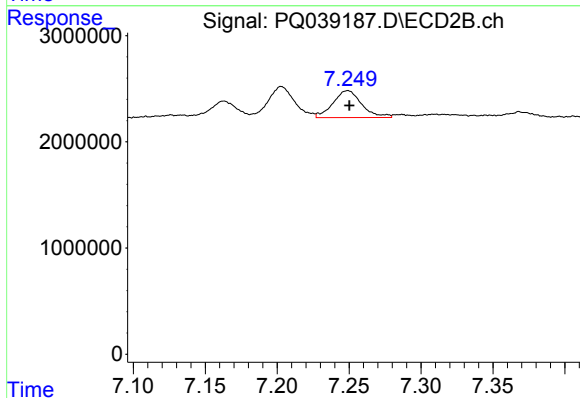
R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 2947648  
Conc: 26.52 ng/ml



#25 AR-1248-5

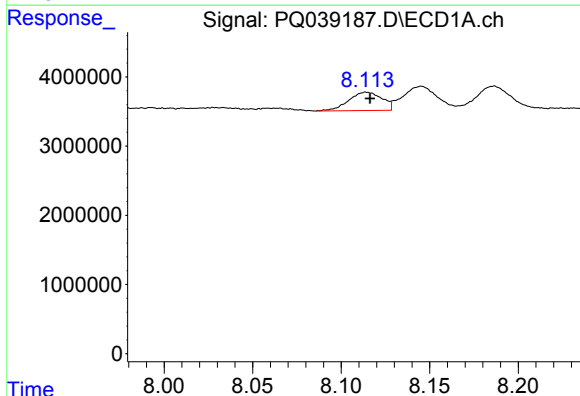
R.T.: 8.186 min  
Delta R.T.: -0.004 min  
Response: 4482916  
Conc: 25.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



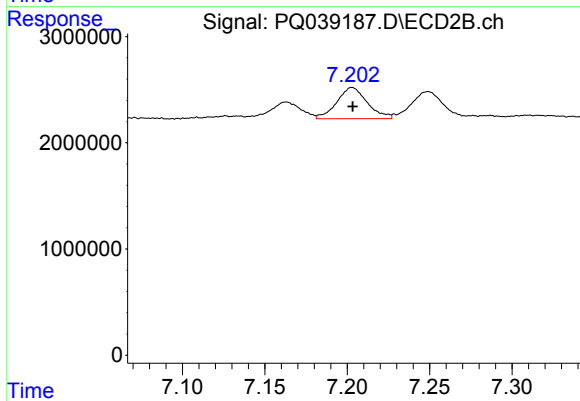
#25 AR-1248-5

R.T.: 7.249 min  
Delta R.T.: -0.001 min  
Response: 3556560  
Conc: 31.42 ng/ml



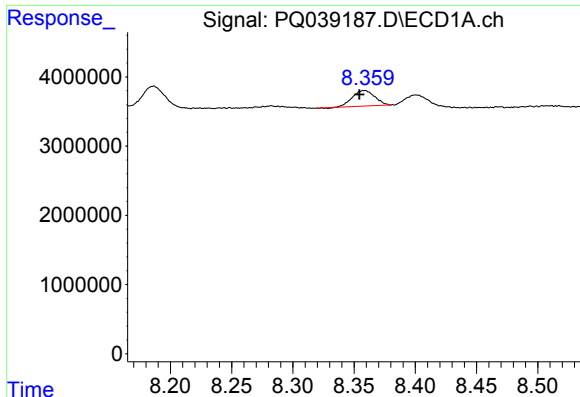
#26 AR-1254-1

R.T.: 8.114 min  
Delta R.T.: -0.002 min  
Response: 3457317  
Conc: 16.74 ng/ml



#26 AR-1254-1

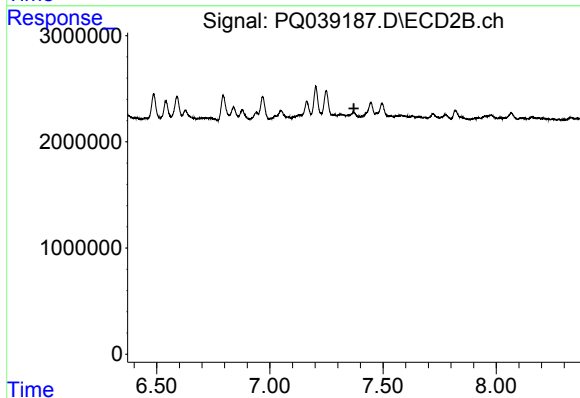
R.T.: 7.203 min  
Delta R.T.: 0.000 min  
Response: 3800077  
Conc: 18.55 ng/ml



#27 AR-1254-2

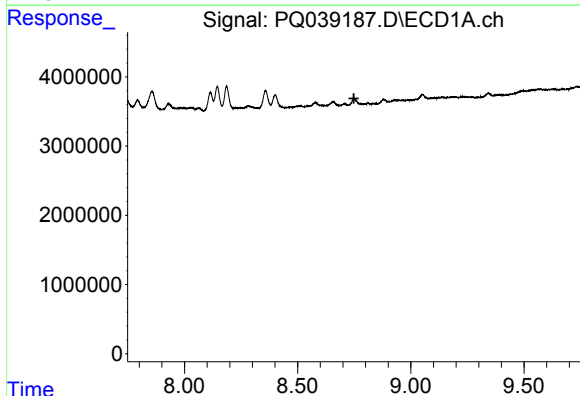
R.T.: 8.358 min  
Delta R.T.: 0.004 min  
Response: 2849027  
Conc: 8.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



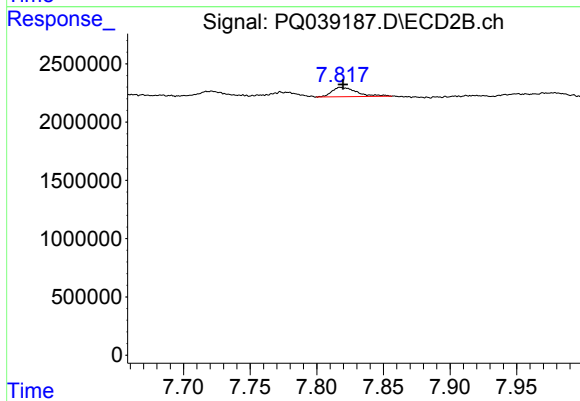
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 7.371 min  
Response: 0  
Conc: N.D.



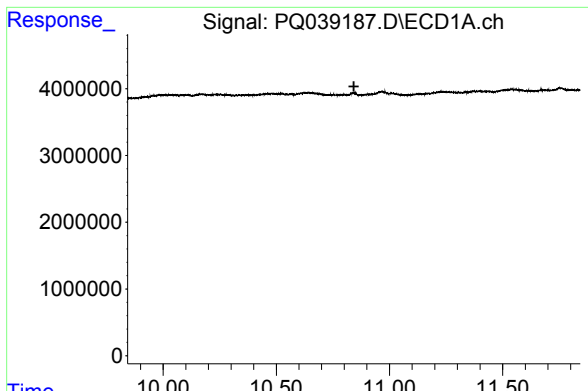
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 8.749 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

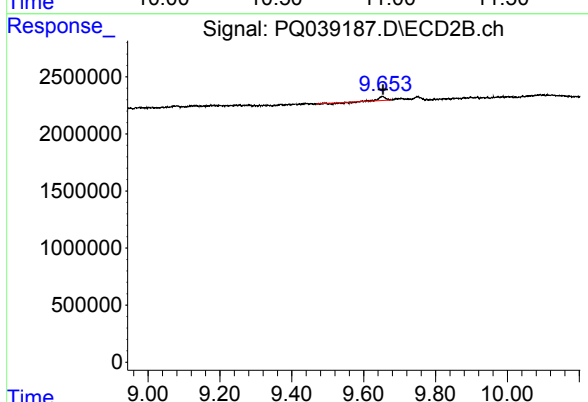
R.T.: 7.818 min  
Delta R.T.: -0.002 min  
Response: 1050852  
Conc: 3.43 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 10.843 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#43 AR-1268-3

R.T.: 9.653 min  
Delta R.T.: -0.001 min  
Response: 336179  
Conc: 0.77 ng/ml