

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102318\  
 Data File : PQ033474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2018 15:41  
 Operator : SM\SJ  
 Sample : J5164-09  
 Misc : MDL AR1254 25PPB  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 01:25:29 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 20 01:08:39 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... | 4.565  | 3.844 | 51913063 | 36472008 | 20.111 | 20.610   |
| 2)                          | SA Decachlor... | 10.391 | 8.891 | 38521238 | 31524184 | 18.776 | 19.049   |
|                             |                 |        |       |          |          |        |          |
| Target Compounds            |                 |        |       |          |          |        |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.171 | 0        | 1280117  | N.D.   | 23.079 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.171 | 0        | 1280117  | N.D.   | 29.712 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.171 | 0        | 1280117  | N.D.   | 69.739 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.171 | 0        | 1280117  | N.D.   | 78.636 # |
| 15)                         | L3 AR-1232-5    | 6.012  | 0.000 | 1566470  | 0        | 81.780 | N.D. #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.171 | 0        | 1280117  | N.D.   | 39.748 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.171 | 0        | 1280117  | N.D.   | 39.907 # |
| 20)                         | L4 AR-1242-5    | 6.622  | 5.739 | 1286187  | 3146475  | 26.975 | 70.609 # |
| 22)                         | L5 AR-1248-2    | 6.012  | 5.171 | 1566470  | 1280117  | 26.034 | 28.923   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.171 | 0        | 1280117  | N.D.   | 28.258 # |
| 24)                         | L5 AR-1248-4    | 6.622  | 0.000 | 1286187  | 0        | 16.060 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.622  | 5.739 | 1286187  | 3146475  | 16.851 | 52.949 # |
| 26)                         | L6 AR-1254-1    | 6.597  | 5.739 | 3182103  | 3146475  | 26.943 | 24.569   |
| 27)                         | L6 AR-1254-2    | 6.814  | 5.885 | 4311578  | 2743875  | 23.132 | 24.620   |
| 28)                         | L6 AR-1254-3    | 7.183  | 6.290 | 4469664  | 4330572  | 21.661 | 22.289   |
| 29)                         | L6 AR-1254-4    | 7.469  | 6.518 | 3593333  | 2472718  | 23.539 | 20.130   |
| 30)                         | L6 AR-1254-5    | 7.889  | 6.936 | 3524773  | 3783208  | 20.914 | 22.277   |
| 31)                         | L7 AR-1260-1    | 7.346  | 6.420 | 2108789  | 2016862  | 14.357 | 16.591   |
| 32)                         | L7 AR-1260-2    | 7.601  | 6.606 | 2114171  | 1762411  | 12.333 | 11.900   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.760 | 0        | 1758114  | N.D.   | 12.699 # |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.273 | 0        | 2445340  | N.D.   | 22.503 # |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.936 | 0        | 3783208  | N.D.   | 25.204 # |
| -----                       |                 |        |       |          |          |        |          |

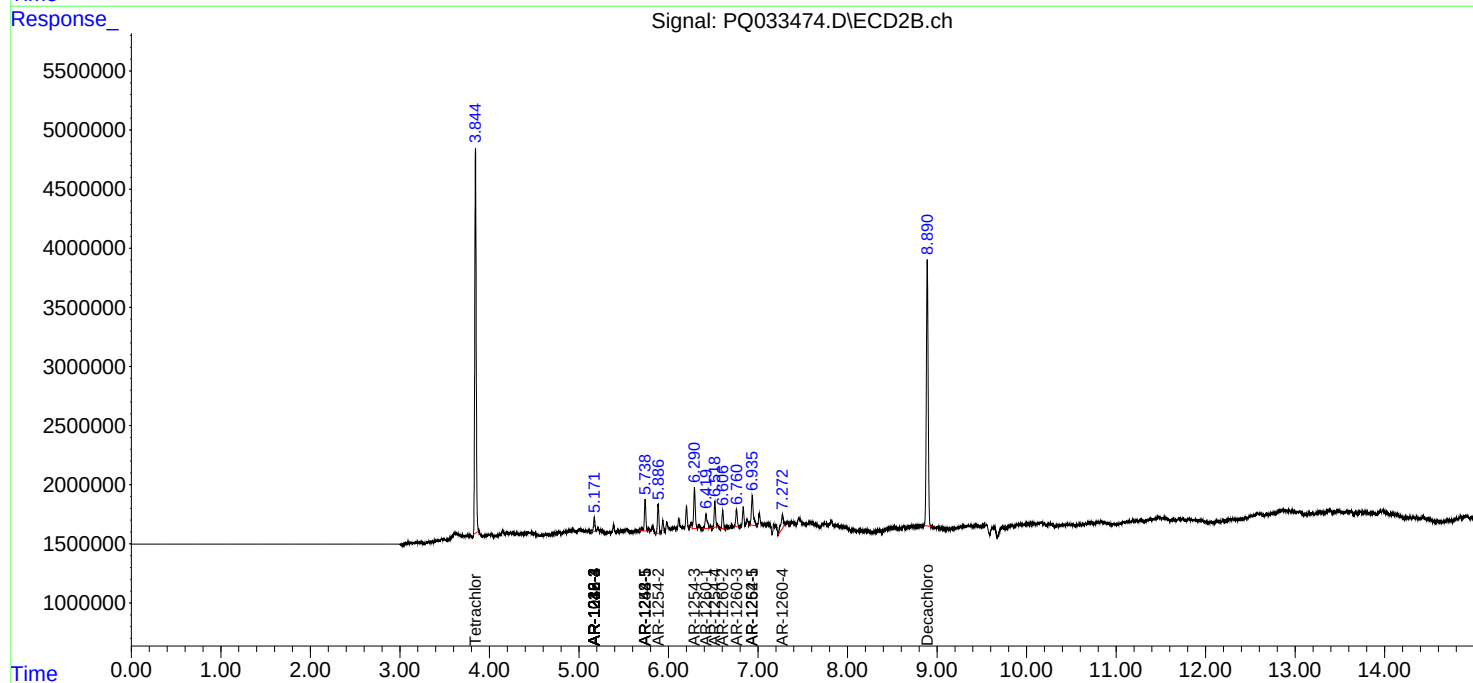
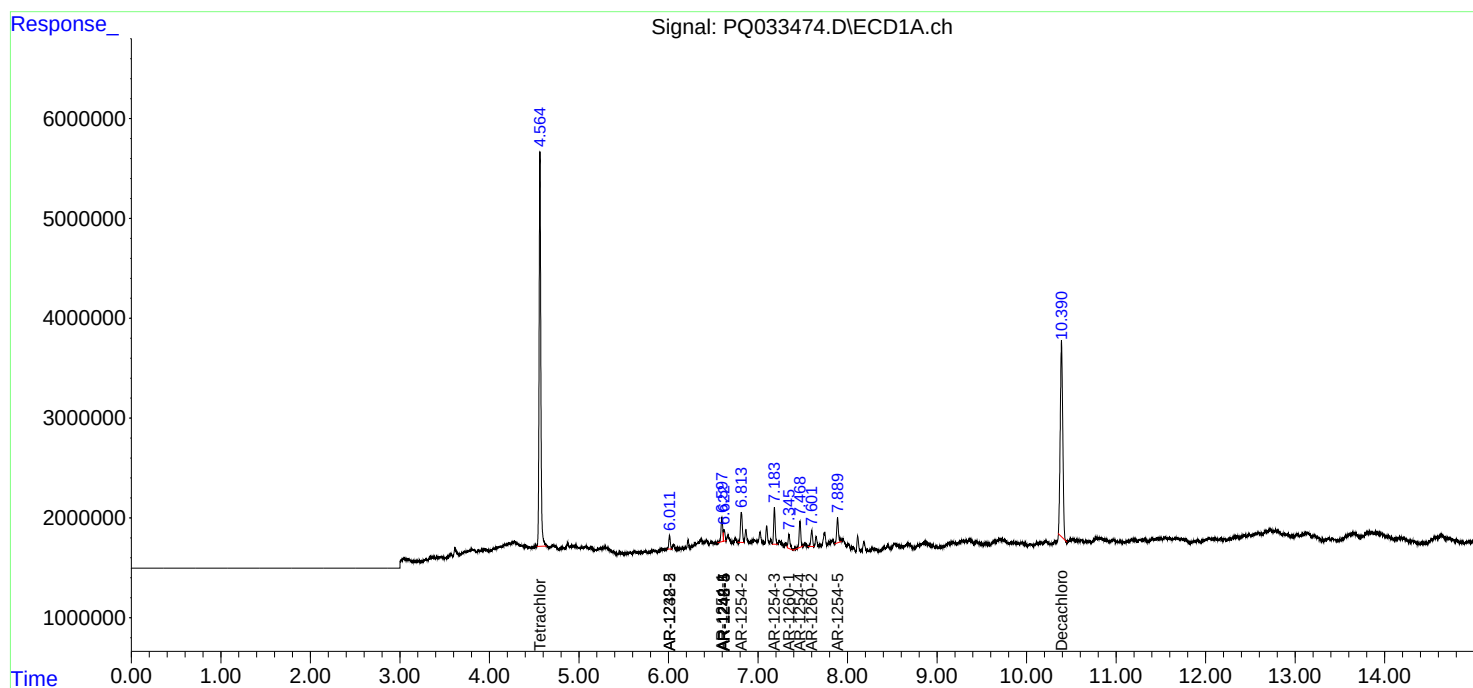
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

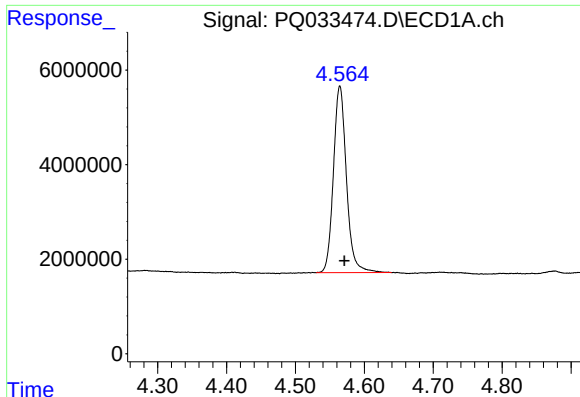
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102318\  
Data File : PQ033474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2018 15:41  
Operator : SM\SJ  
Sample : J5164-09  
Misc : MDL AR1254 25PPB  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 01:25:29 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 20 01:08:39 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

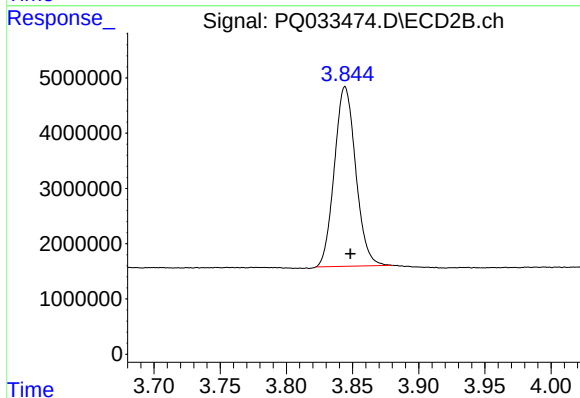




#1 Tetrachloro-m-xylene

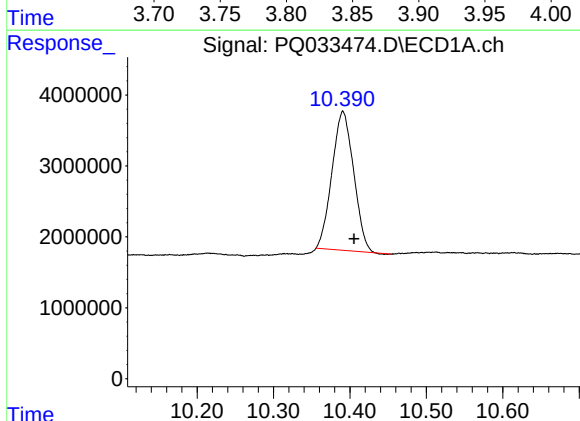
R.T.: 4.565 min  
Delta R.T.: -0.006 min  
Response: 51913063  
Conc: 20.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



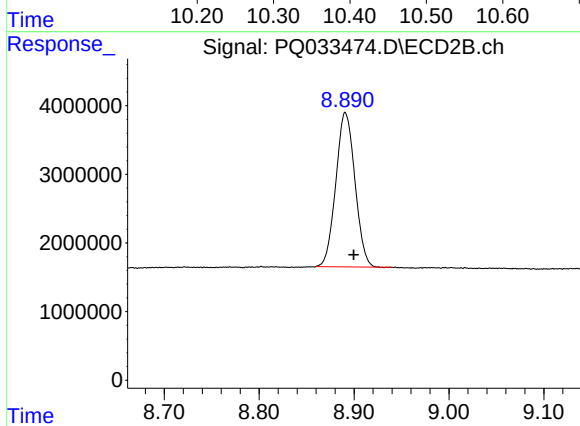
#1 Tetrachloro-m-xylene

R.T.: 3.844 min  
Delta R.T.: -0.004 min  
Response: 36472008  
Conc: 20.61 ng/ml



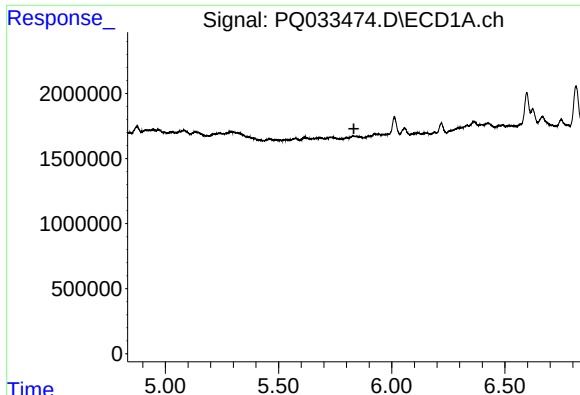
#2 Decachlorobiphenyl

R.T.: 10.391 min  
Delta R.T.: -0.015 min  
Response: 38521238  
Conc: 18.78 ng/ml



#2 Decachlorobiphenyl

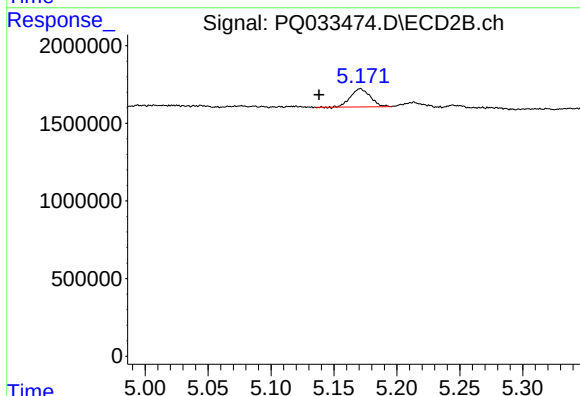
R.T.: 8.891 min  
Delta R.T.: -0.009 min  
Response: 31524184  
Conc: 19.05 ng/ml



#5 AR-1016-3

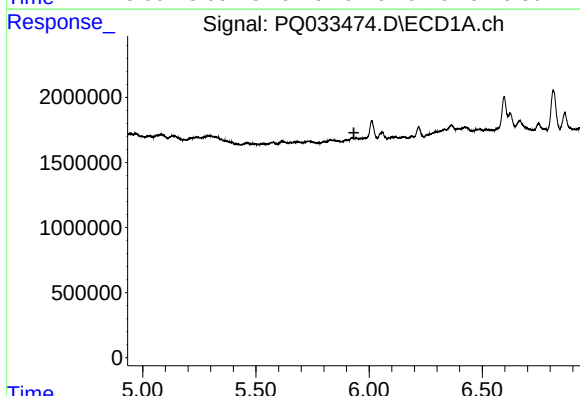
R.T.: 0.000 min  
Exp R.T.: 5.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



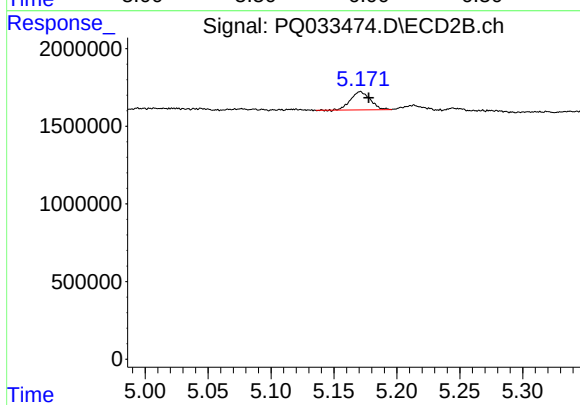
#5 AR-1016-3

R.T.: 5.171 min  
Delta R.T.: 0.033 min  
Response: 1280117  
Conc: 23.08 ng/ml



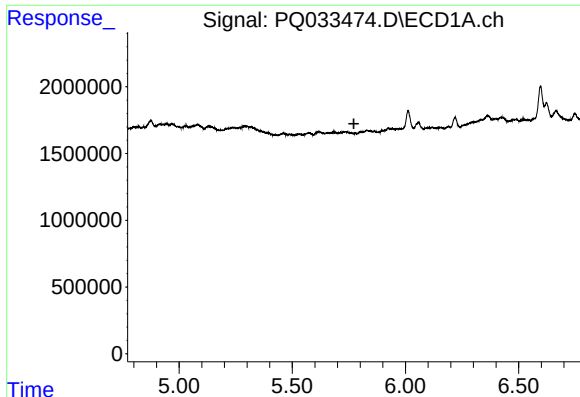
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.933 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

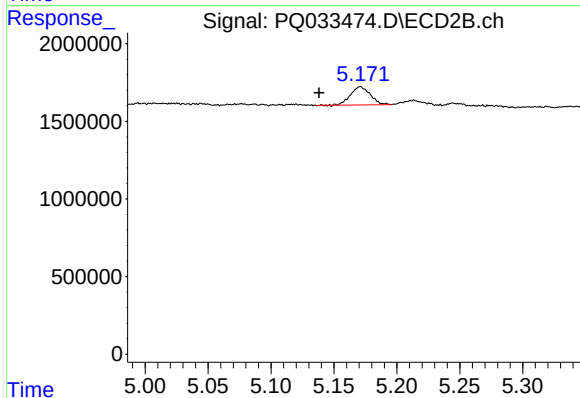
R.T.: 5.171 min  
Delta R.T.: -0.007 min  
Response: 1280117  
Conc: 29.71 ng/ml



#13 AR-1232-3

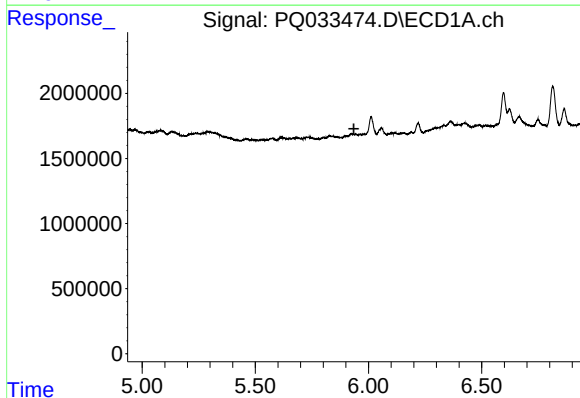
R.T.: 0.000 min  
Exp R.T. : 5.772 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



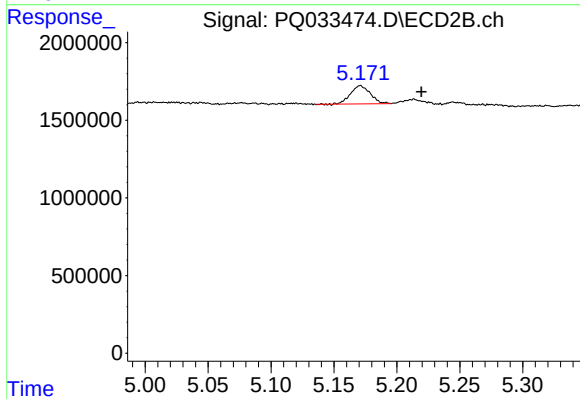
#13 AR-1232-3

R.T.: 5.171 min  
Delta R.T.: 0.033 min  
Response: 1280117  
Conc: 69.74 ng/ml



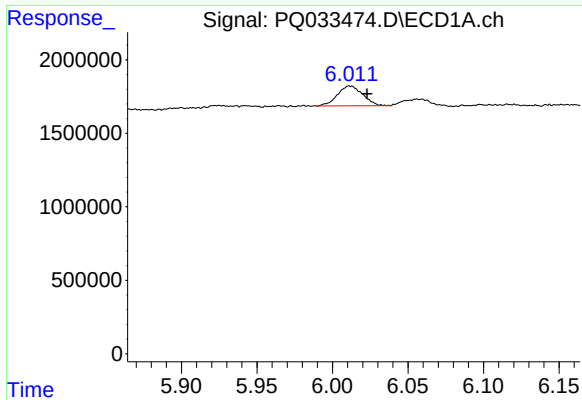
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.935 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

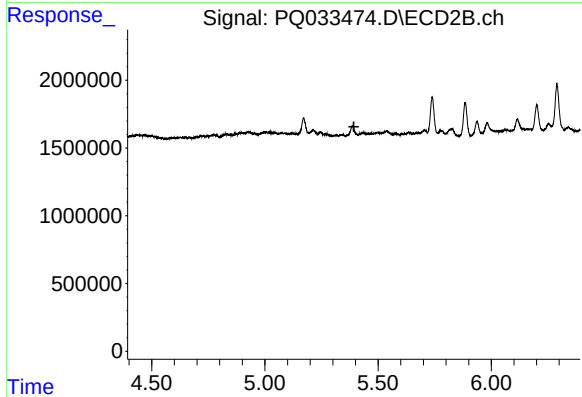
R.T.: 5.171 min  
Delta R.T.: -0.049 min  
Response: 1280117  
Conc: 78.64 ng/ml



#15 AR-1232-5

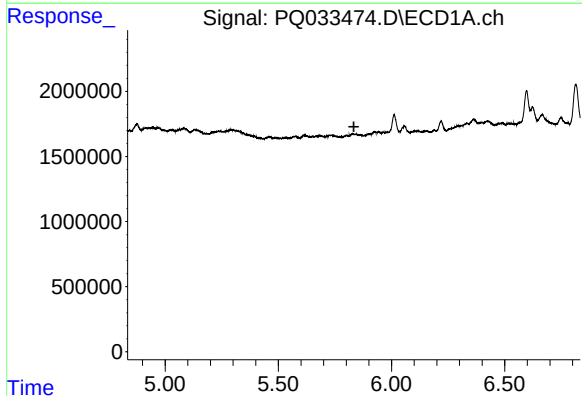
R.T.: 6.012 min  
Delta R.T.: -0.011 min  
Response: 1566470  
Conc: 81.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



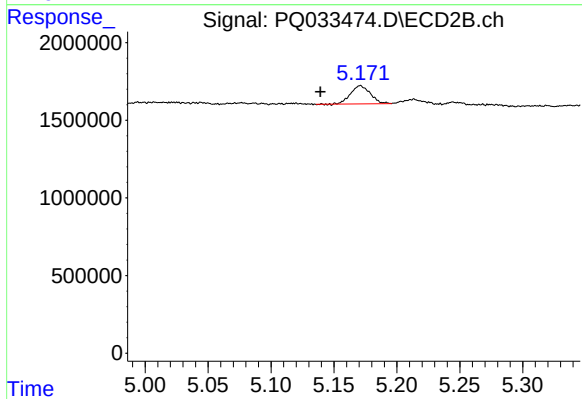
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.393 min  
Response: 0  
Conc: N.D.



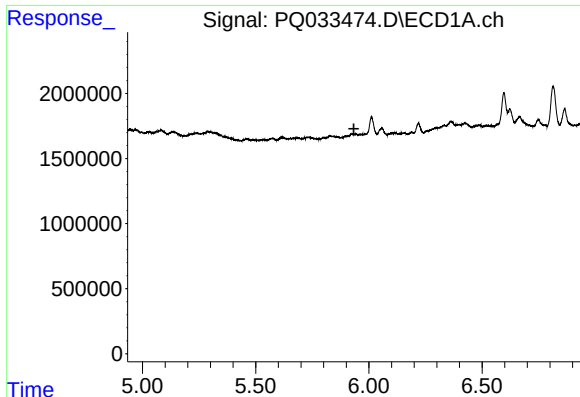
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.834 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

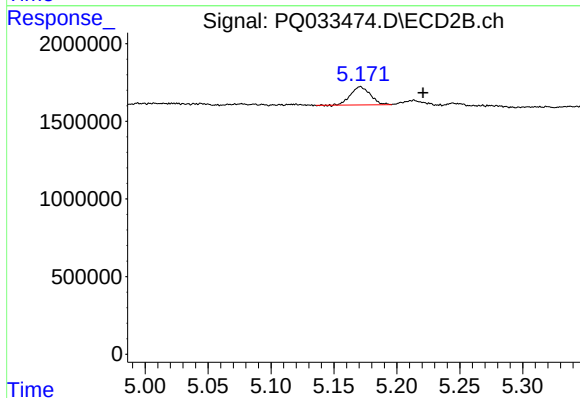
R.T.: 5.171 min  
Delta R.T.: 0.032 min  
Response: 1280117  
Conc: 39.75 ng/ml



#19 AR-1242-4

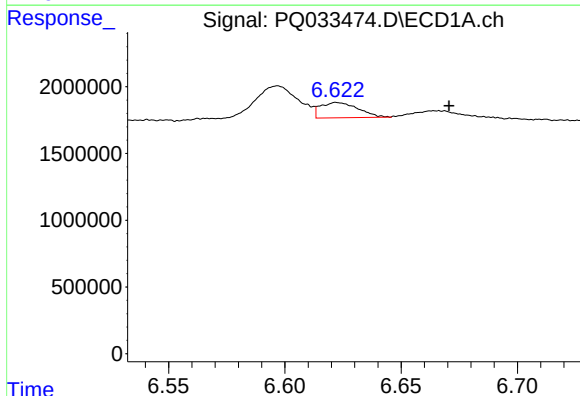
R.T.: 0.000 min  
Exp R.T.: 5.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



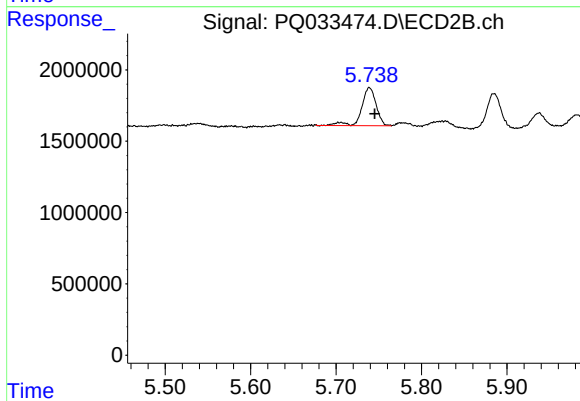
#19 AR-1242-4

R.T.: 5.171 min  
Delta R.T.: -0.050 min  
Response: 1280117  
Conc: 39.91 ng/ml



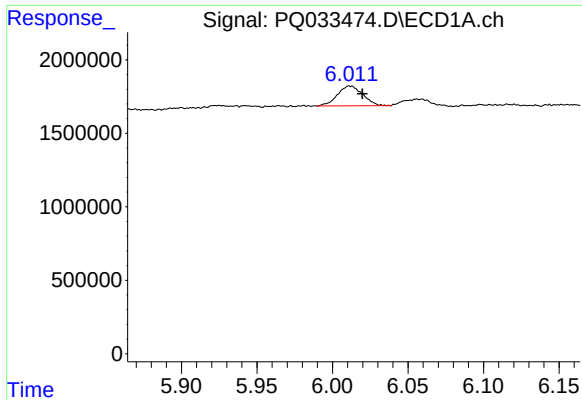
#20 AR-1242-5

R.T.: 6.622 min  
Delta R.T.: -0.048 min  
Response: 1286187  
Conc: 26.97 ng/ml



#20 AR-1242-5

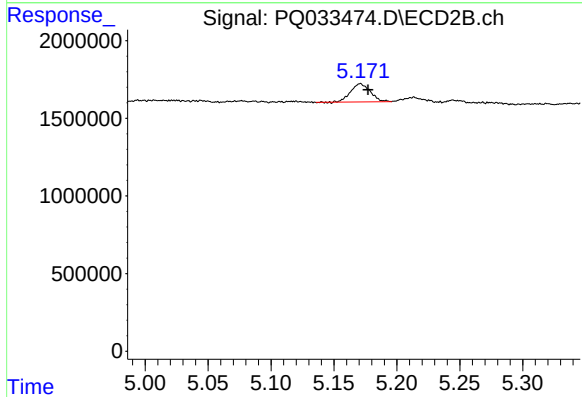
R.T.: 5.739 min  
Delta R.T.: -0.006 min  
Response: 3146475  
Conc: 70.61 ng/ml



#22 AR-1248-2

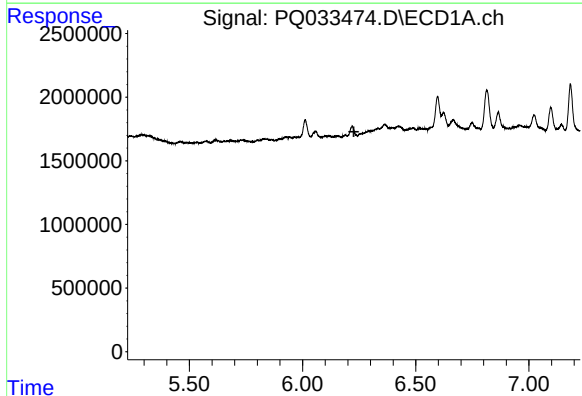
R.T.: 6.012 min  
Delta R.T.: -0.008 min  
Response: 1566470  
Conc: 26.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



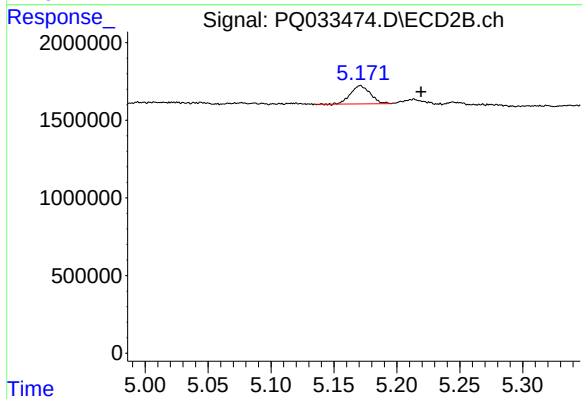
#22 AR-1248-2

R.T.: 5.171 min  
Delta R.T.: -0.006 min  
Response: 1280117  
Conc: 28.92 ng/ml



#23 AR-1248-3

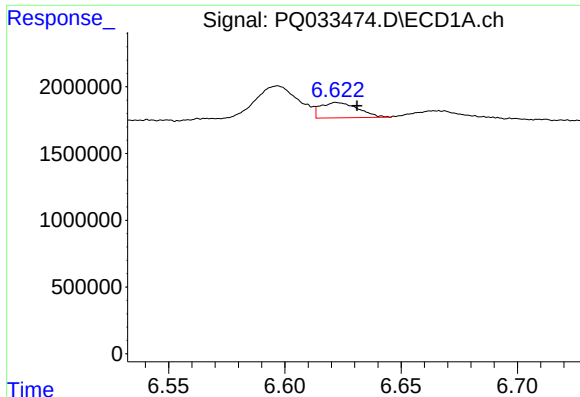
R.T.: 0.000 min  
Exp R.T. : 6.227 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

R.T.: 5.171 min  
Delta R.T.: -0.048 min  
Response: 1280117  
Conc: 28.26 ng/ml

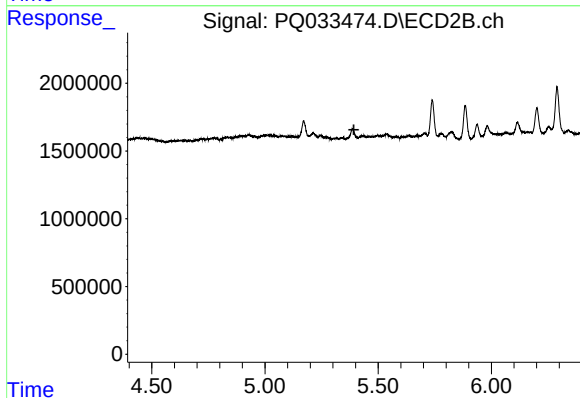




#24 AR-1248-4

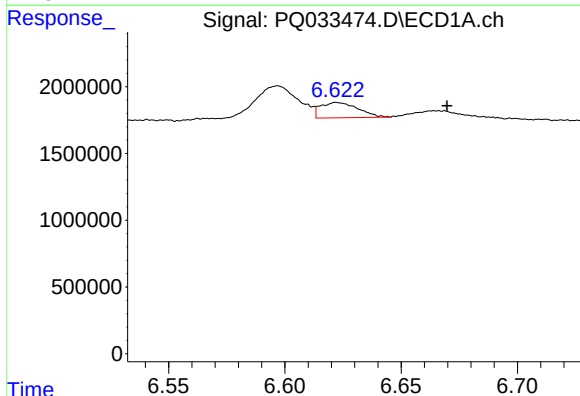
R.T.: 6.622 min  
Delta R.T.: -0.009 min  
Response: 1286187  
Conc: 16.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



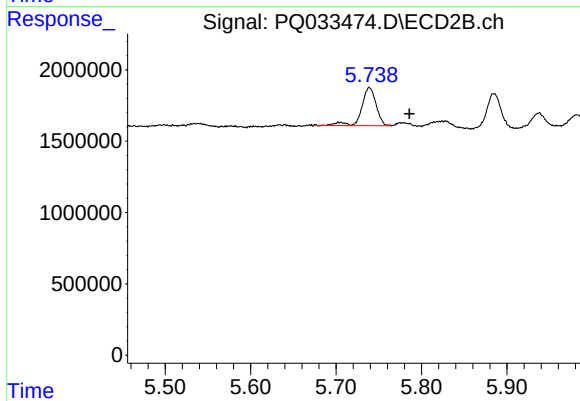
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.393 min  
Response: 0  
Conc: N.D.



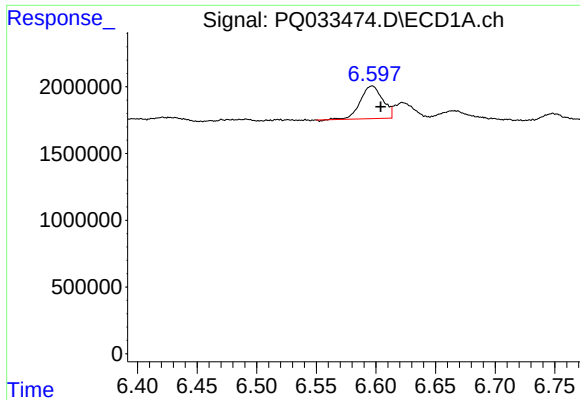
#25 AR-1248-5

R.T.: 6.622 min  
Delta R.T.: -0.047 min  
Response: 1286187  
Conc: 16.85 ng/ml



#25 AR-1248-5

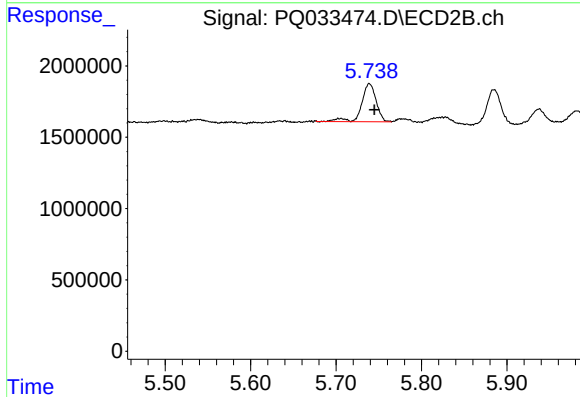
R.T.: 5.739 min  
Delta R.T.: -0.047 min  
Response: 3146475  
Conc: 52.95 ng/ml



#26 AR-1254-1

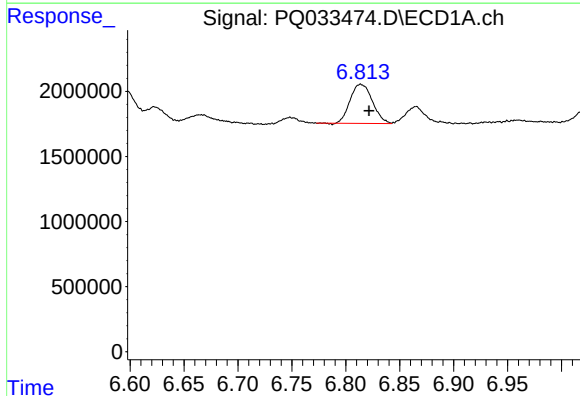
R.T.: 6.597 min  
Delta R.T.: -0.007 min  
Response: 3182103  
Conc: 26.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



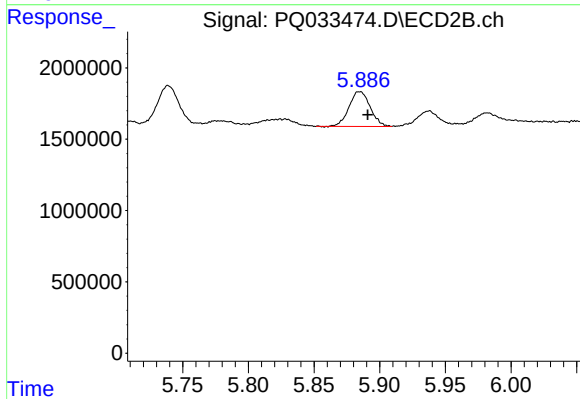
#26 AR-1254-1

R.T.: 5.739 min  
Delta R.T.: -0.006 min  
Response: 3146475  
Conc: 24.57 ng/ml



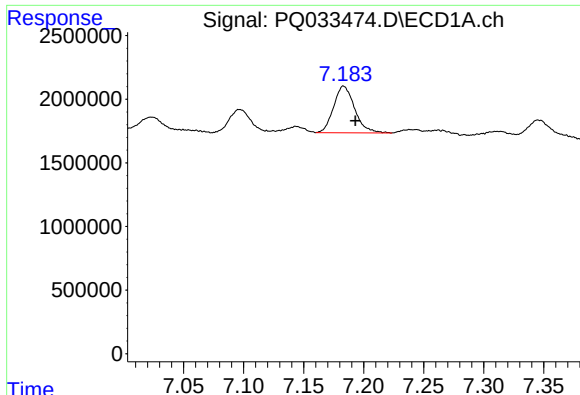
#27 AR-1254-2

R.T.: 6.814 min  
Delta R.T.: -0.008 min  
Response: 4311578  
Conc: 23.13 ng/ml



#27 AR-1254-2

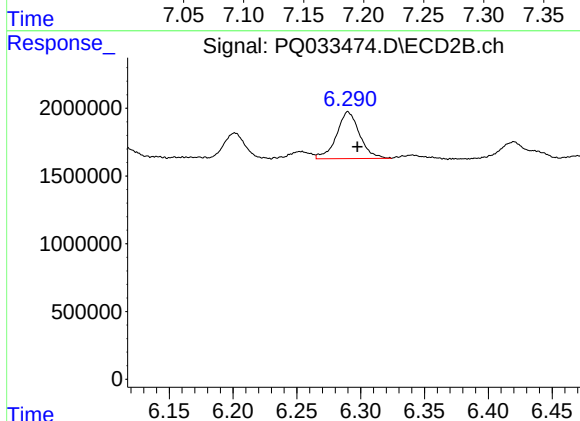
R.T.: 5.885 min  
Delta R.T.: -0.006 min  
Response: 2743875  
Conc: 24.62 ng/ml



#28 AR-1254-3

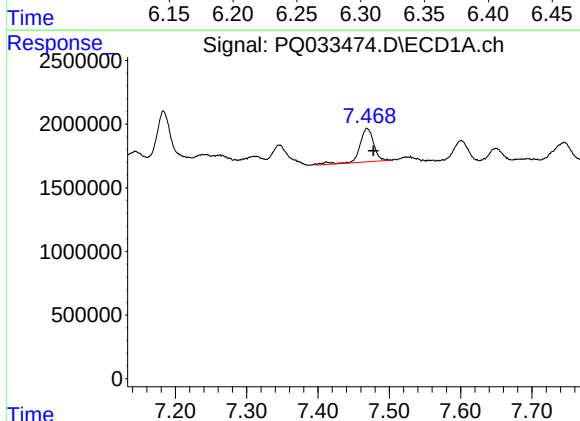
R.T.: 7.183 min  
Delta R.T.: -0.010 min  
Response: 4469664  
Conc: 21.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



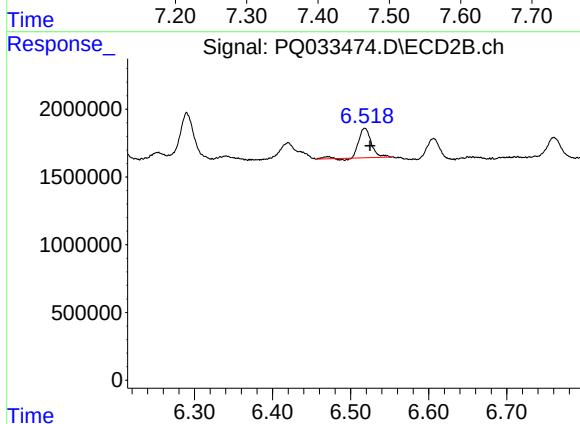
#28 AR-1254-3

R.T.: 6.290 min  
Delta R.T.: -0.007 min  
Response: 4330572  
Conc: 22.29 ng/ml



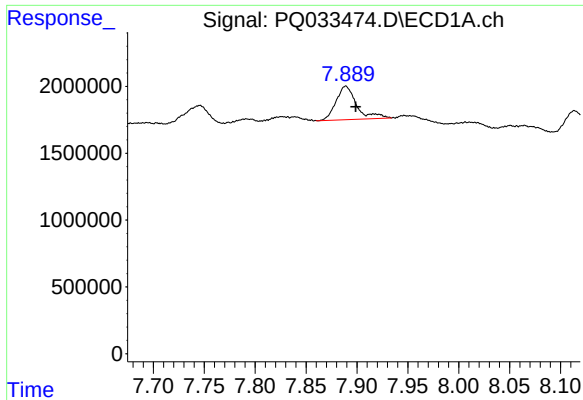
#29 AR-1254-4

R.T.: 7.469 min  
Delta R.T.: -0.009 min  
Response: 3593333  
Conc: 23.54 ng/ml



#29 AR-1254-4

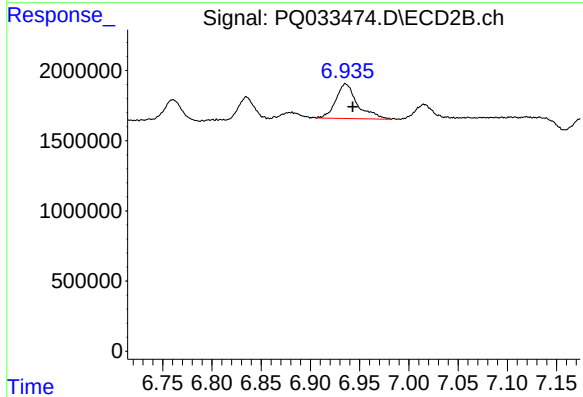
R.T.: 6.518 min  
Delta R.T.: -0.007 min  
Response: 2472718  
Conc: 20.13 ng/ml



#30 AR-1254-5

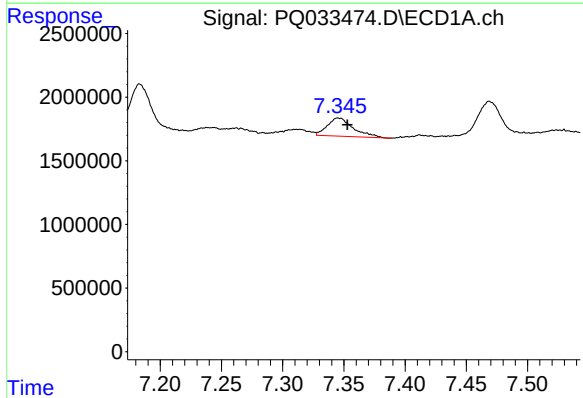
R.T.: 7.889 min  
Delta R.T.: -0.010 min  
Response: 3524773  
Conc: 20.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



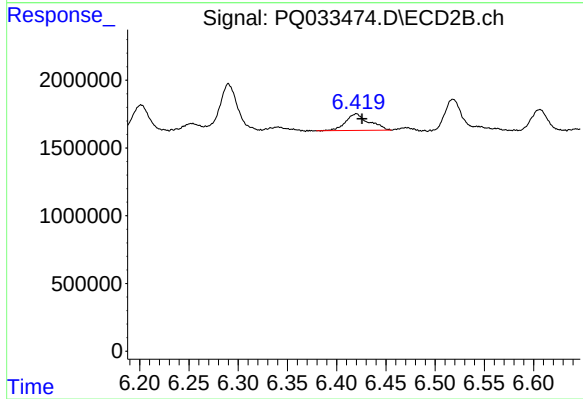
#30 AR-1254-5

R.T.: 6.936 min  
Delta R.T.: -0.007 min  
Response: 3783208  
Conc: 22.28 ng/ml



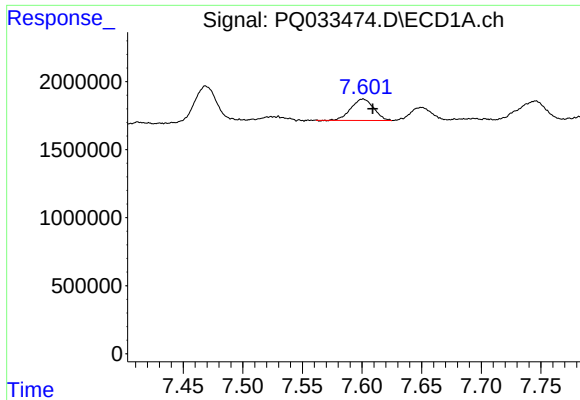
#31 AR-1260-1

R.T.: 7.346 min  
Delta R.T.: -0.007 min  
Response: 2108789  
Conc: 14.36 ng/ml



#31 AR-1260-1

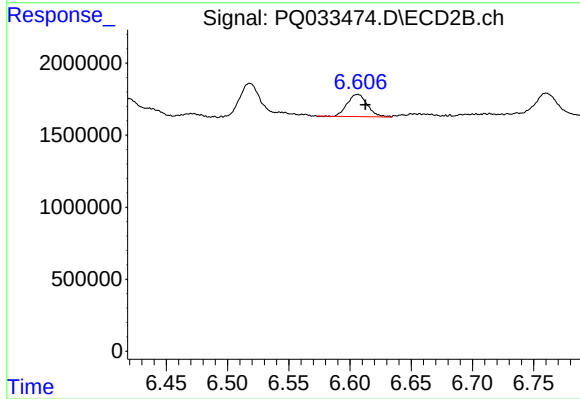
R.T.: 6.420 min  
Delta R.T.: -0.006 min  
Response: 2016862  
Conc: 16.59 ng/ml



#32 AR-1260-2

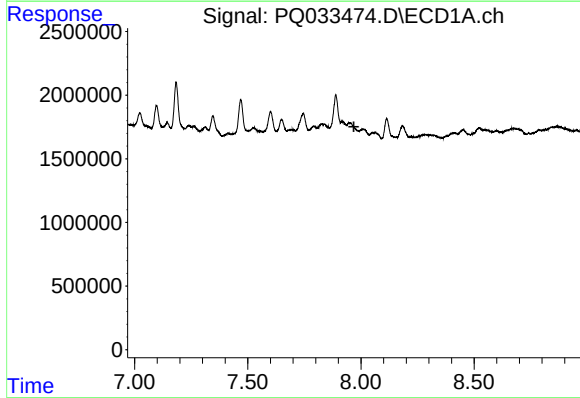
R.T.: 7.601 min  
Delta R.T.: -0.008 min  
Response: 2114171  
Conc: 12.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



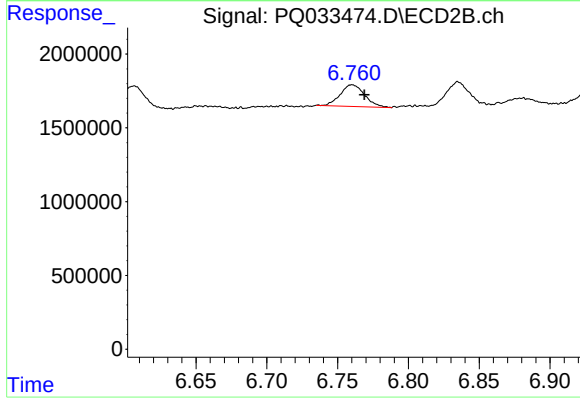
#32 AR-1260-2

R.T.: 6.606 min  
Delta R.T.: -0.006 min  
Response: 1762411  
Conc: 11.90 ng/ml



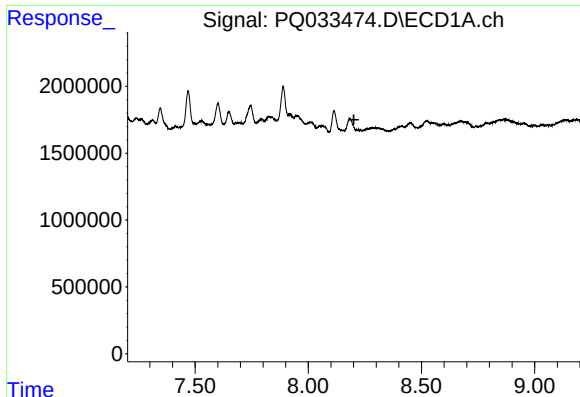
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.969 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

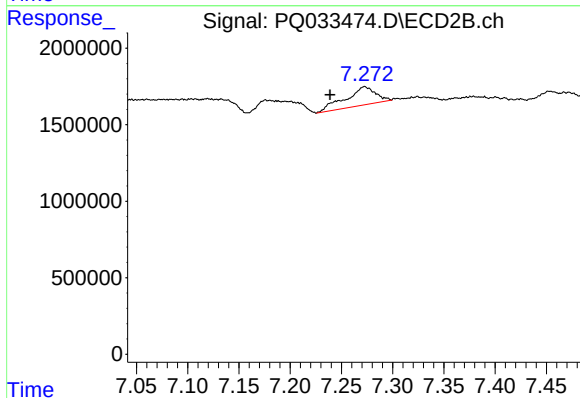
R.T.: 6.760 min  
Delta R.T.: -0.009 min  
Response: 1758114  
Conc: 12.70 ng/ml



#34 AR-1260-4

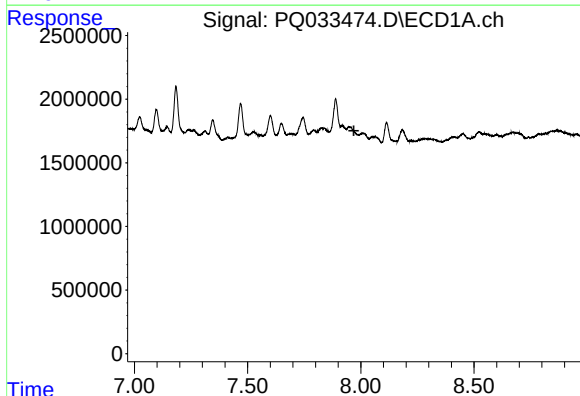
R.T.: 0.000 min  
Exp R.T.: 8.202 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



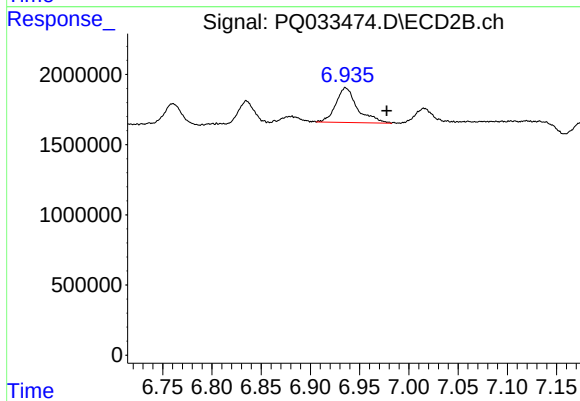
#34 AR-1260-4

R.T.: 7.273 min  
Delta R.T.: 0.034 min  
Response: 2445340  
Conc: 22.50 ng/ml



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 7.970 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 6.936 min  
Delta R.T.: -0.042 min  
Response: 3783208  
Conc: 25.20 ng/ml