

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031319\  
 Data File : PQ037958.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2019 01:11  
 Operator : SM\SJ  
 Sample : AR1242CCC400  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1242378

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 02:22:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ022619CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Feb 26 04:57:52 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.200 | 3.645 | 112.8E6  | 60332755 | 19.822  | 22.905    |
| 2)                          | SA Decachlor... | 0.000 | 8.520 | 0        | 88583341 | N.D.    | 38.182 #  |
| Target Compounds            |                 |       |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.362 | 4.717 | 90197839 | 52919139 | 312.076 | 343.007   |
| 4)                          | L1 AR-1016-2    | 5.422 | 4.717 | 53245301 | 52919139 | 119.149 | 220.455 # |
| 5)                          | L1 AR-1016-3    | 5.422 | 4.892 | 53245301 | 25877955 | 202.581 | 212.519   |
| 6)                          | L1 AR-1016-4    | 5.522 | 4.930 | 44319399 | 20213491 | 201.587 | 216.432   |
| 7)                          | L1 AR-1016-5    | 5.843 | 5.177 | 17548880 | 9389632  | 81.640  | 74.963    |
| 8)                          | L2 AR-1221-1    | 4.408 | 3.849 | 5094035  | 4170145  | 81.295  | 122.557 # |
| 9)                          | L2 AR-1221-2    | 4.497 | 3.936 | 7262131  | 4178478  | 164.913 | 174.216   |
| 10)                         | L2 AR-1221-3    | 4.572 | 4.009 | 32006627 | 18556686 | 208.230 | 219.434   |
| 11)                         | L3 AR-1232-1    | 4.572 | 4.009 | 32006627 | 18556686 | 280.460 | 299.773   |
| 12)                         | L3 AR-1232-2    | 5.081 | 4.717 | 43846545 | 52919139 | 749.995 | 770.151   |
| 13)                         | L3 AR-1232-3    | 5.422 | 4.930 | 53245301 | 20213491 | 426.255 | 580.441 # |
| 14)                         | L3 AR-1232-4    | 5.602 | 4.999 | 36302462 | 8780266  | 568.085 | 297.781 # |
| 15)                         | L3 AR-1232-5    | 5.645 | 5.177 | 38098339 | 9389632  | 835.360 | 276.297 # |
| 16)                         | L4 AR-1242-1    | 5.362 | 4.717 | 90197839 | 52919139 | 549.864 | 589.120   |
| 17)                         | L4 AR-1242-2    | 5.422 | 4.717 | 53245301 | 52919139 | 211.251 | 388.073 # |
| 18)                         | L4 AR-1242-3    | 5.422 | 4.892 | 53245301 | 25877955 | 352.007 | 366.900   |
| 19)                         | L4 AR-1242-4    | 5.522 | 4.999 | 44319399 | 8780266  | 352.086 | 127.965 # |
| 20)                         | L4 AR-1242-5    | 6.319 | 5.523 | 3867757  | 29838899 | 27.871  | 341.292 # |
| 21)                         | L5 AR-1248-1    | 5.362 | 4.717 | 90197839 | 52919139 | 766.379 | 793.292   |
| 22)                         | L5 AR-1248-2    | 5.645 | 4.930 | 38098339 | 20213491 | 222.071 | 223.597   |
| 23)                         | L5 AR-1248-3    | 5.843 | 4.999 | 17548880 | 8780266  | 90.327  | 95.134    |
| 24)                         | L5 AR-1248-4    | 6.237 | 5.177 | 47285547 | 9389632  | 207.968 | 82.743 #  |
| 25)                         | L5 AR-1248-5    | 6.319 | 5.523 | 3867757  | 29838899 | 17.909  | 271.781 # |
| 26)                         | L6 AR-1254-1    | 6.201 | 5.484 | 44398296 | 31950395 | 209.633 | 192.690   |
| 27)                         | L6 AR-1254-2    | 6.433 | 5.625 | 26740992 | 7133695  | 79.745  | 50.091 #  |
| 28)                         | L6 AR-1254-3    | 6.748 | 6.022 | 13532506 | 9147851  | 38.992  | 40.094    |
| 29)                         | L6 AR-1254-4    | 7.029 | 6.249 | 11262851 | 7715527  | 40.696  | 44.926    |
| 30)                         | L6 AR-1254-5    | 7.440 | 6.656 | 3606509  | 2194520  | 13.049  | 11.334    |
| 31)                         | L7 AR-1260-1    | 6.974 | 6.165 | 1548518  | 3571760  | 3.485   | 14.088 #  |
| 32)                         | L7 AR-1260-2    | 7.150 | 0.000 | 2275430  | 0        | 3.935   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.559 | 0        | 6972564  | N.D.    | 24.553 #  |
| 34)                         | L7 AR-1260-4    | 7.733 | 0.000 | 1188735  | 0        | 2.714   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.033 | 0.000 | 956326   | 0        | 0.954   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.656 | 0        | 2194520  | N.D.    | 10.486 #  |
| 37)                         | L8 AR-1262-2    | 8.033 | 0.000 | 956326   | 0        | 1.380   | N.D. #    |
| -----                       |                 |       |       |          |          |         |           |

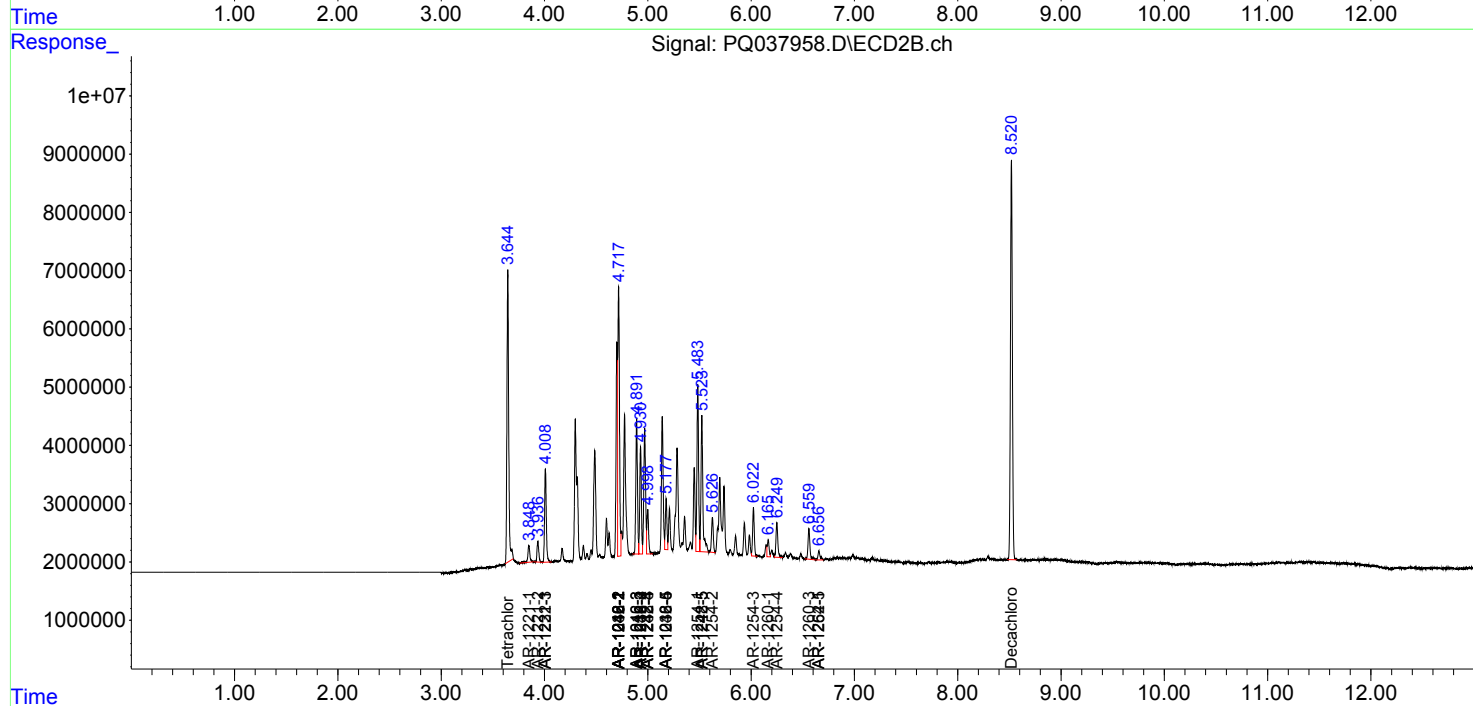
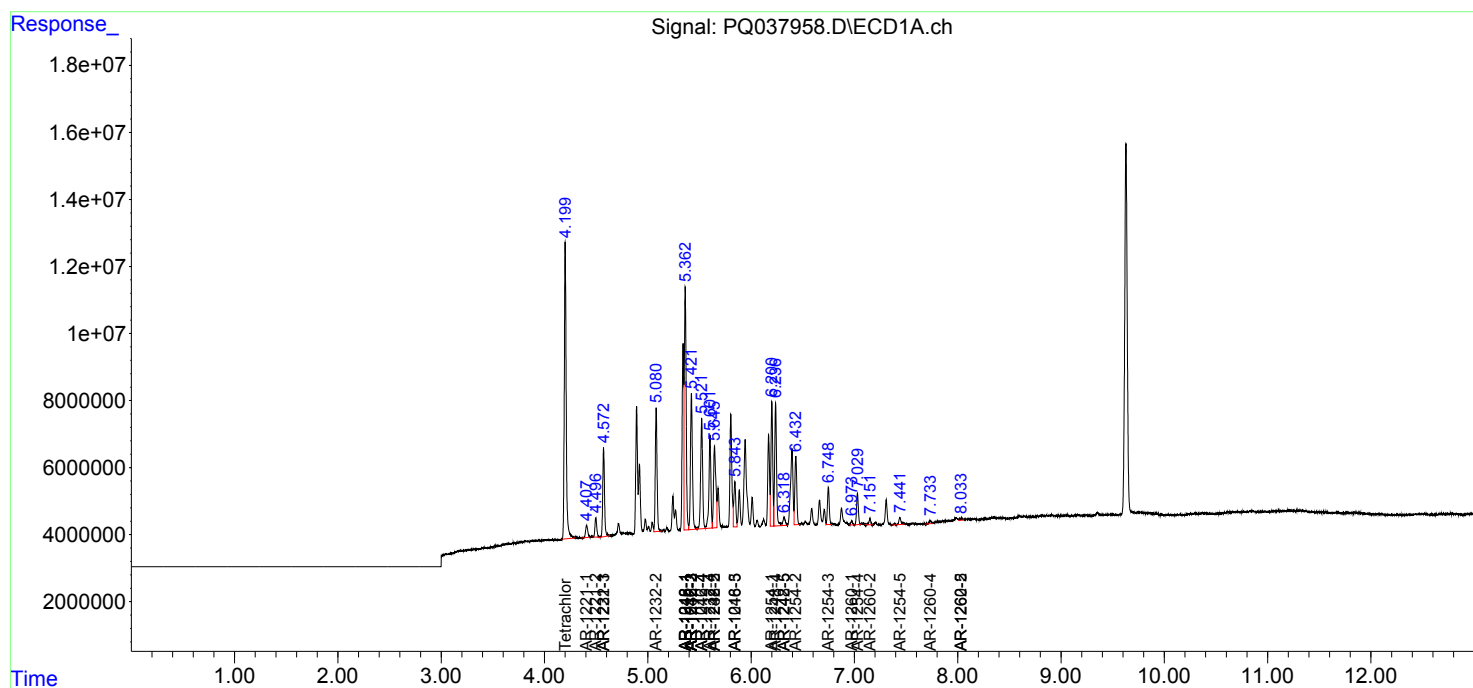
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

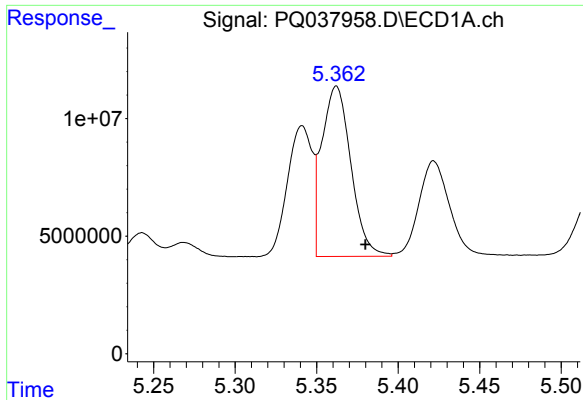
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031319\  
Data File : PQ037958.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2019 01:11  
Operator : SM\SJ  
Sample : AR1242CCC400  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 02:22:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ022619CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Feb 26 04:57:52 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

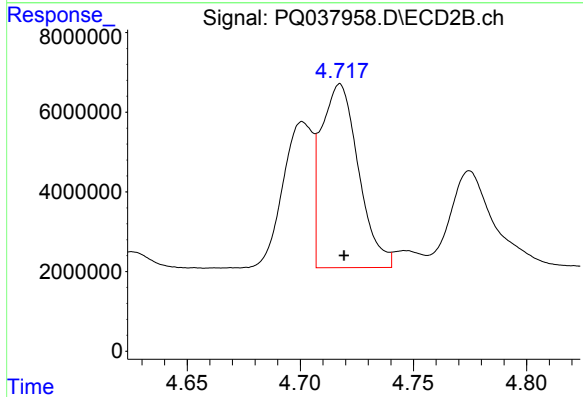




#3 AR-1016-1

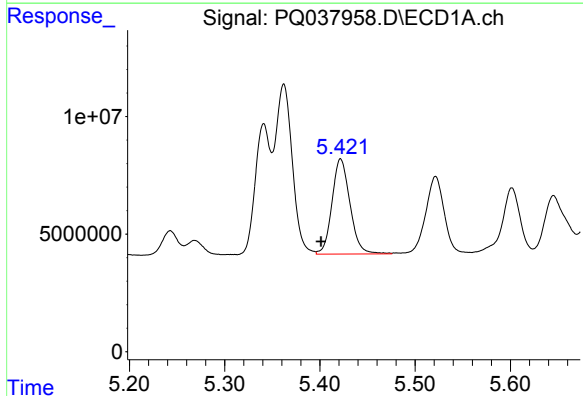
R.T.: 5.362 min  
Delta R.T.: -0.018 min  
Response: 90197839  
Conc: 312.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



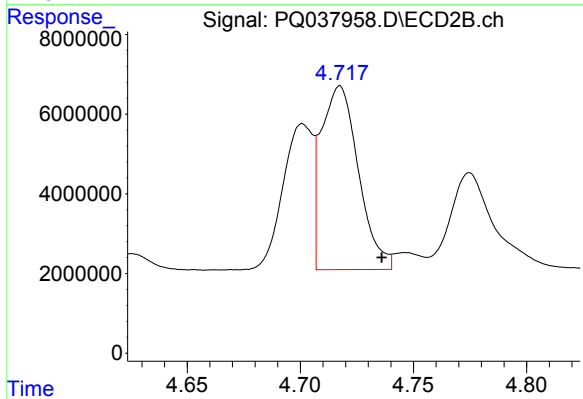
#3 AR-1016-1

R.T.: 4.717 min  
Delta R.T.: -0.002 min  
Response: 52919139  
Conc: 343.01 ng/ml



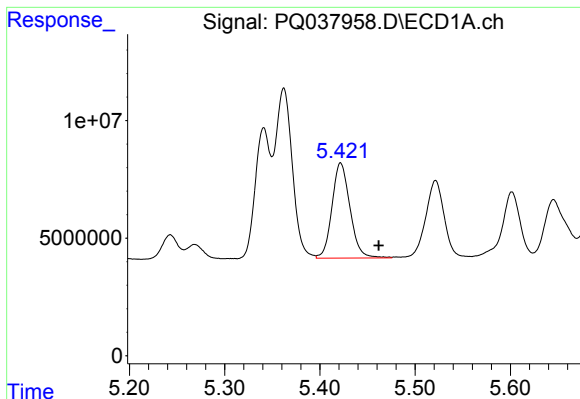
#4 AR-1016-2

R.T.: 5.422 min  
Delta R.T.: 0.021 min  
Response: 53245301  
Conc: 119.15 ng/ml



#4 AR-1016-2

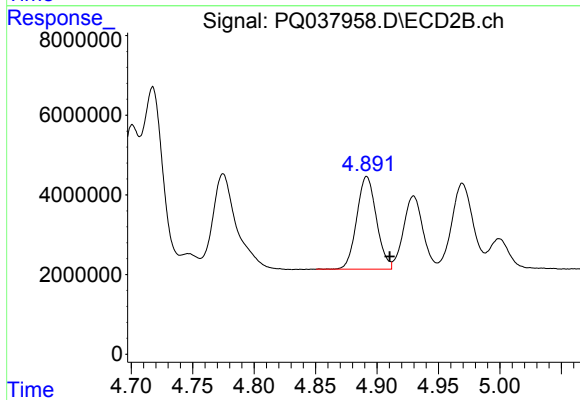
R.T.: 4.717 min  
Delta R.T.: -0.019 min  
Response: 52919139  
Conc: 220.46 ng/ml



#5 AR-1016-3

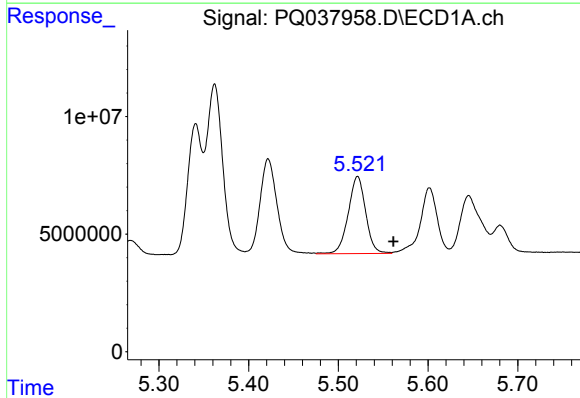
R.T.: 5.422 min  
Delta R.T.: -0.040 min  
Response: 53245301  
Conc: 202.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



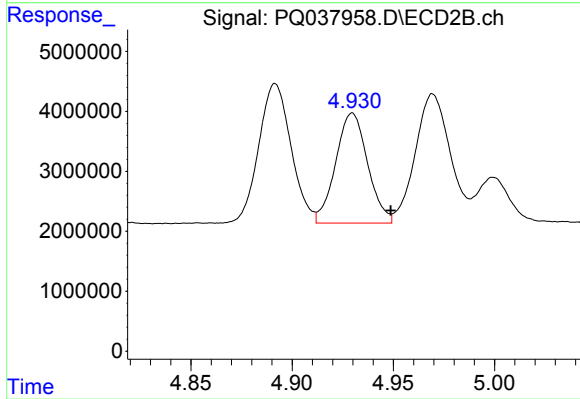
#5 AR-1016-3

R.T.: 4.892 min  
Delta R.T.: -0.019 min  
Response: 25877955  
Conc: 212.52 ng/ml



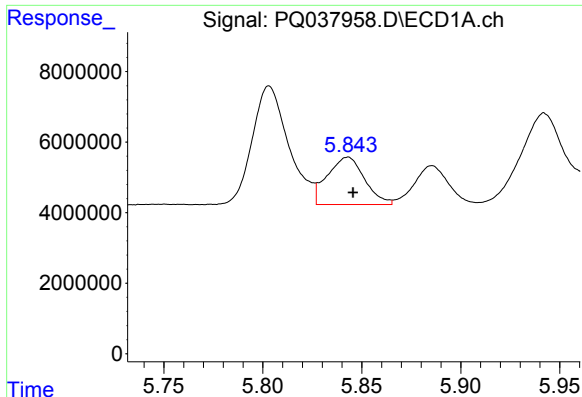
#6 AR-1016-4

R.T.: 5.522 min  
Delta R.T.: -0.040 min  
Response: 44319399  
Conc: 201.59 ng/ml



#6 AR-1016-4

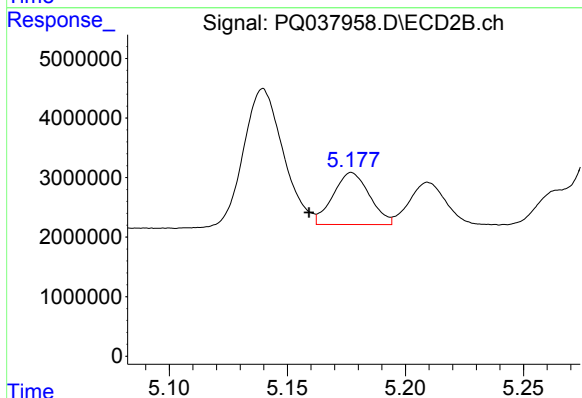
R.T.: 4.930 min  
Delta R.T.: -0.019 min  
Response: 20213491  
Conc: 216.43 ng/ml



#7 AR-1016-5

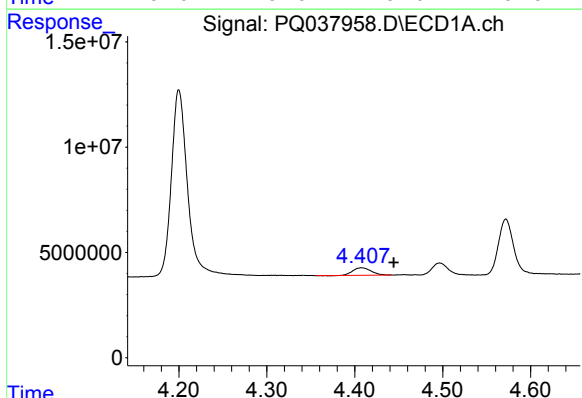
R.T.: 5.843 min  
Delta R.T.: -0.003 min  
Response: 17548880  
Conc: 81.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



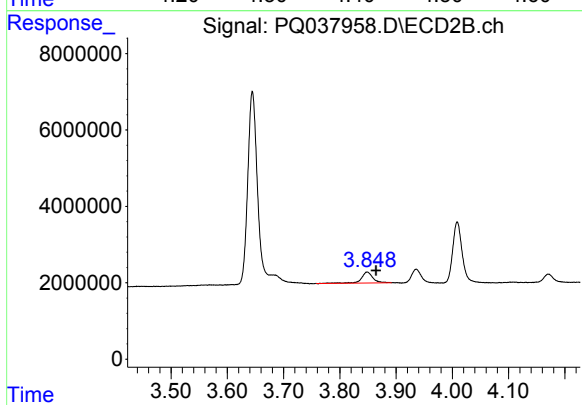
#7 AR-1016-5

R.T.: 5.177 min  
Delta R.T.: 0.018 min  
Response: 9389632  
Conc: 74.96 ng/ml



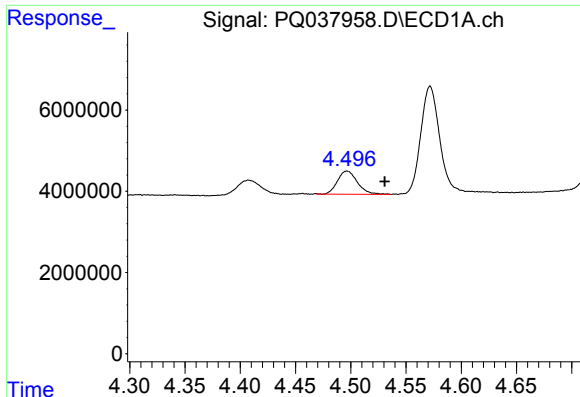
#8 AR-1221-1

R.T.: 4.408 min  
Delta R.T.: -0.037 min  
Response: 5094035  
Conc: 81.30 ng/ml



#8 AR-1221-1

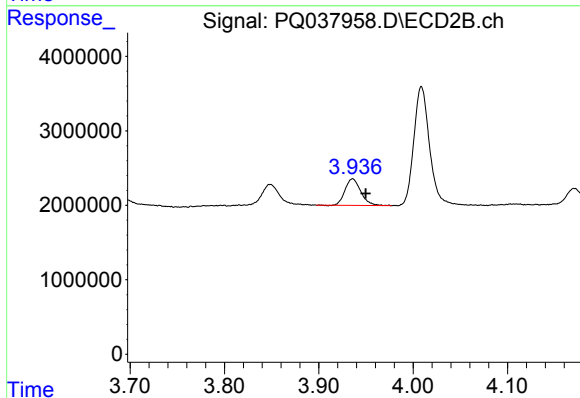
R.T.: 3.849 min  
Delta R.T.: -0.016 min  
Response: 4170145  
Conc: 122.56 ng/ml



#9 AR-1221-2

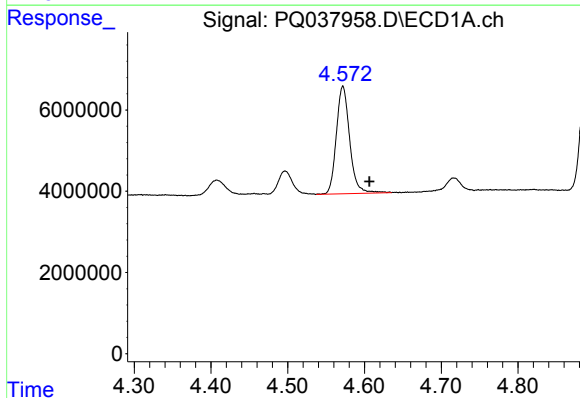
R.T.: 4.497 min  
Delta R.T.: -0.034 min  
Response: 7262131  
Conc: 164.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



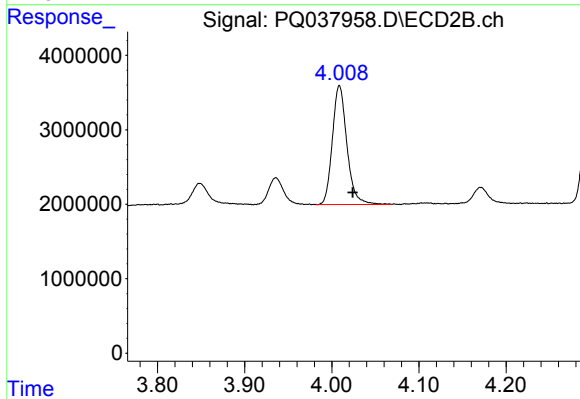
#9 AR-1221-2

R.T.: 3.936 min  
Delta R.T.: -0.014 min  
Response: 4178478  
Conc: 174.22 ng/ml



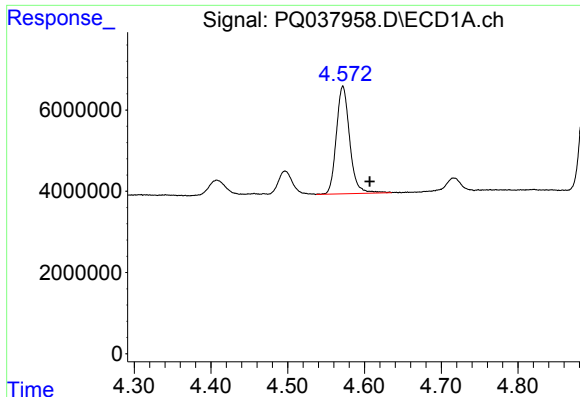
#10 AR-1221-3

R.T.: 4.572 min  
Delta R.T.: -0.034 min  
Response: 32006627  
Conc: 208.23 ng/ml



#10 AR-1221-3

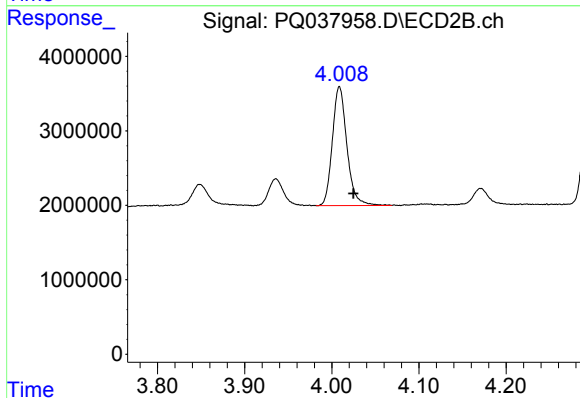
R.T.: 4.009 min  
Delta R.T.: -0.015 min  
Response: 18556686  
Conc: 219.43 ng/ml



#11 AR-1232-1

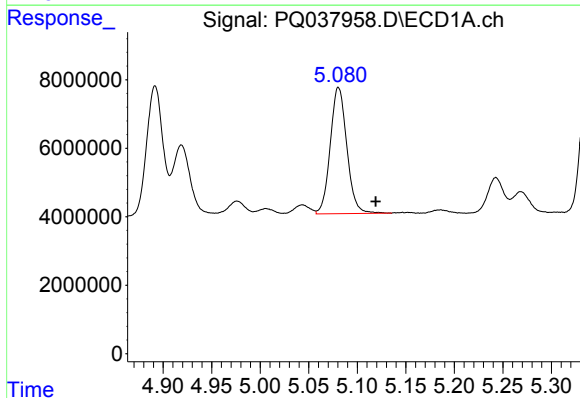
R.T.: 4.572 min  
Delta R.T.: -0.035 min  
Response: 32006627  
Conc: 280.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



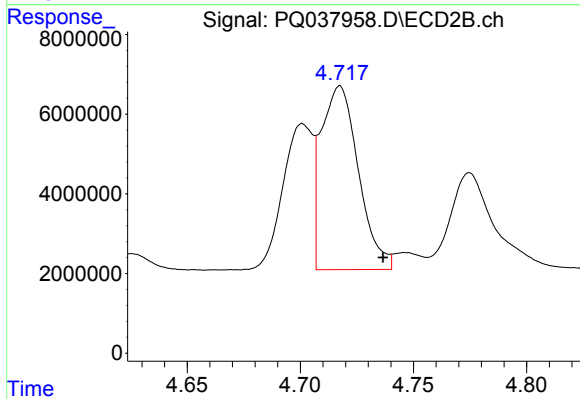
#11 AR-1232-1

R.T.: 4.009 min  
Delta R.T.: -0.016 min  
Response: 18556686  
Conc: 299.77 ng/ml



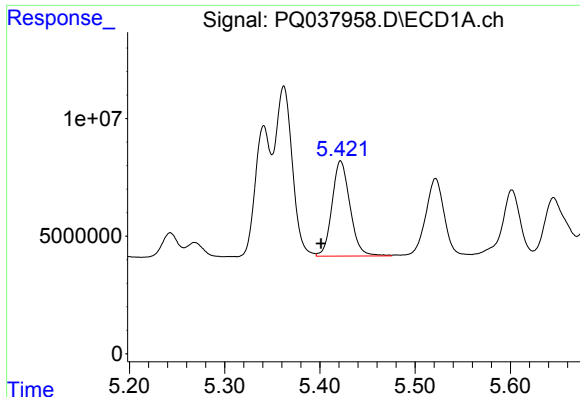
#12 AR-1232-2

R.T.: 5.081 min  
Delta R.T.: -0.038 min  
Response: 43846545  
Conc: 750.00 ng/ml



#12 AR-1232-2

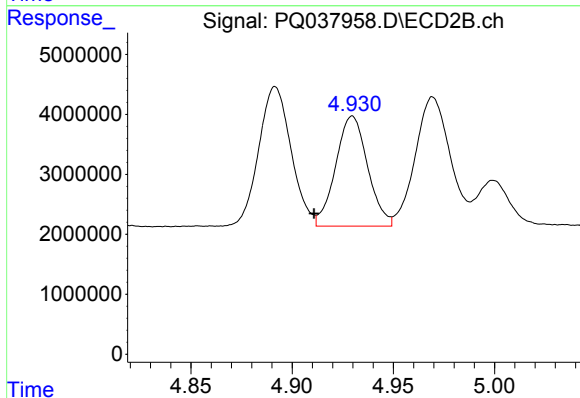
R.T.: 4.717 min  
Delta R.T.: -0.019 min  
Response: 52919139  
Conc: 770.15 ng/ml



#13 AR-1232-3

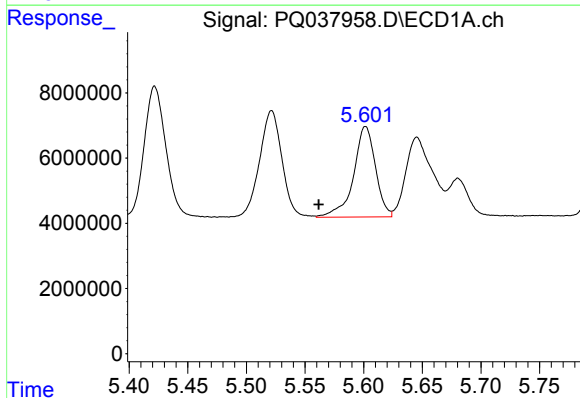
R.T.: 5.422 min  
Delta R.T.: 0.021 min  
Response: 53245301  
Conc: 426.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



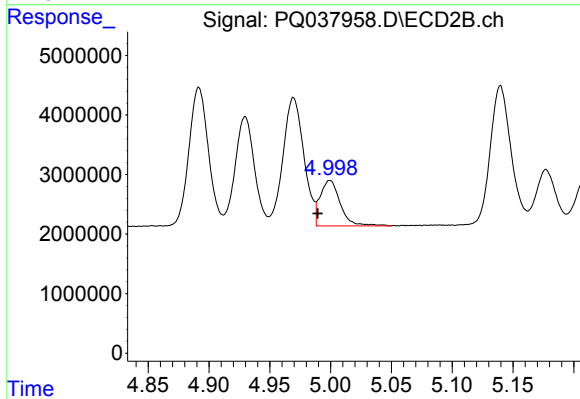
#13 AR-1232-3

R.T.: 4.930 min  
Delta R.T.: 0.019 min  
Response: 20213491  
Conc: 580.44 ng/ml



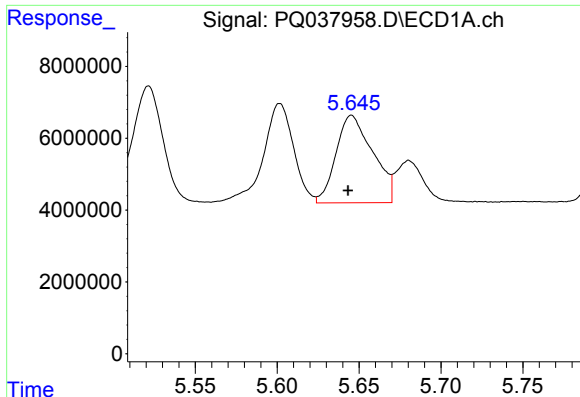
#14 AR-1232-4

R.T.: 5.602 min  
Delta R.T.: 0.040 min  
Response: 36302462  
Conc: 568.09 ng/ml



#14 AR-1232-4

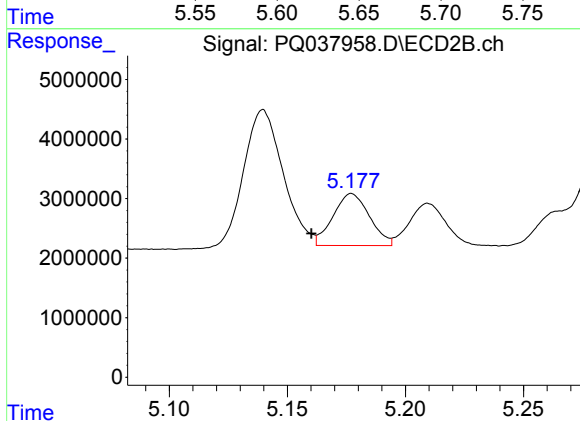
R.T.: 4.999 min  
Delta R.T.: 0.010 min  
Response: 8780266  
Conc: 297.78 ng/ml



#15 AR-1232-5

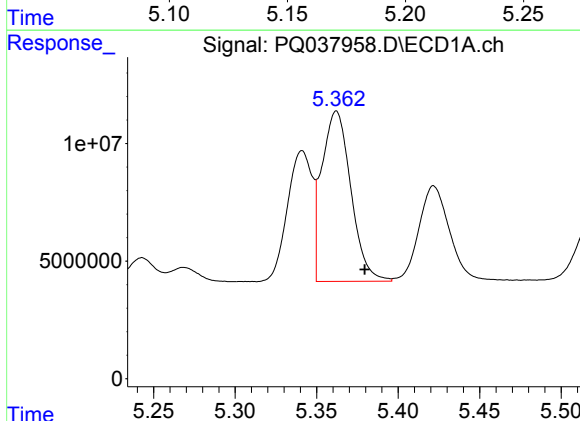
R.T.: 5.645 min  
Delta R.T.: 0.002 min  
Response: 38098339  
Conc: 835.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



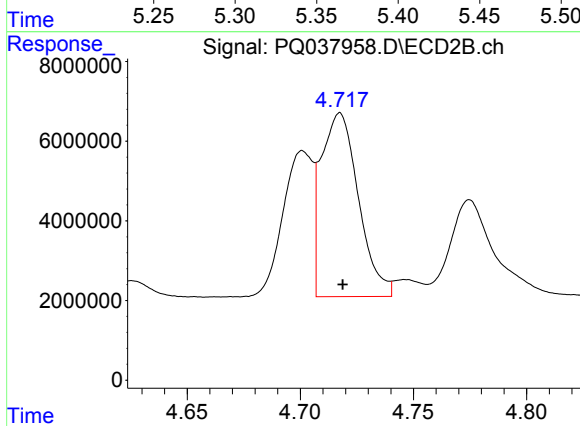
#15 AR-1232-5

R.T.: 5.177 min  
Delta R.T.: 0.017 min  
Response: 9389632  
Conc: 276.30 ng/ml



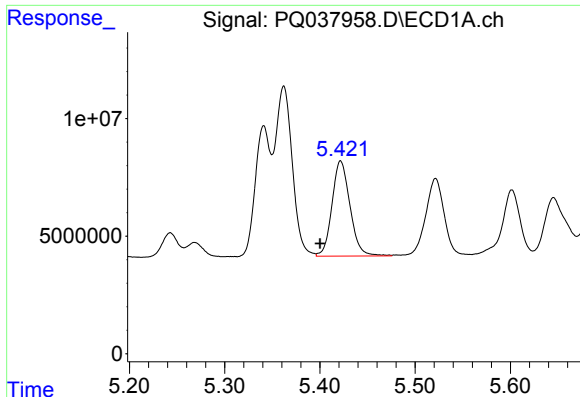
#16 AR-1242-1

R.T.: 5.362 min  
Delta R.T.: -0.017 min  
Response: 90197839  
Conc: 549.86 ng/ml



#16 AR-1242-1

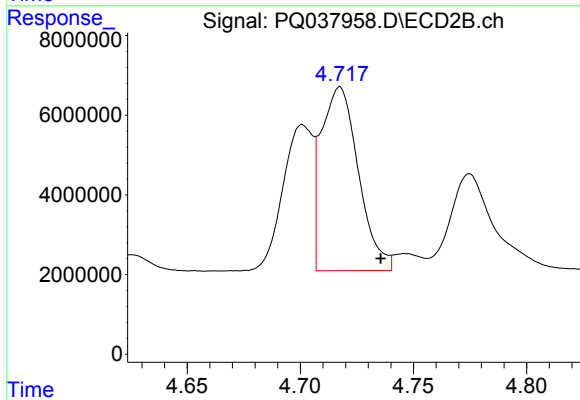
R.T.: 4.717 min  
Delta R.T.: -0.001 min  
Response: 52919139  
Conc: 589.12 ng/ml



#17 AR-1242-2

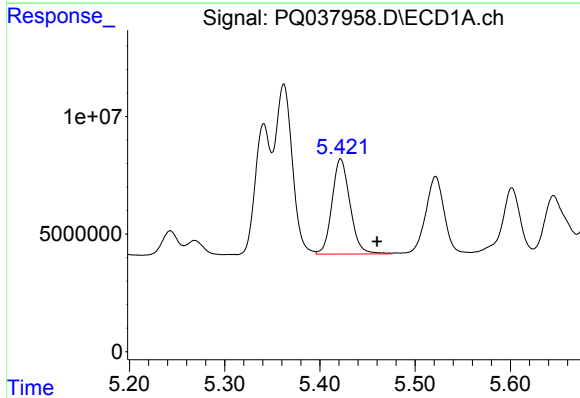
R.T.: 5.422 min  
Delta R.T.: 0.022 min  
Response: 53245301  
Conc: 211.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



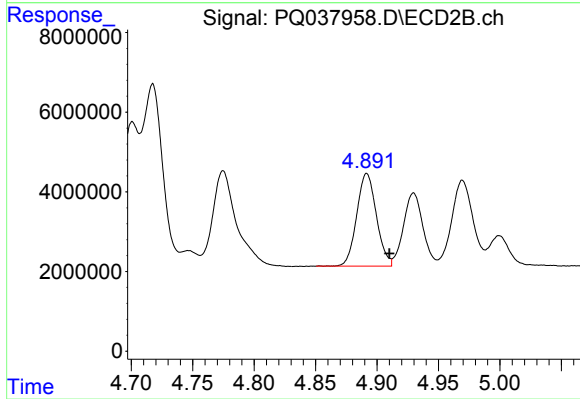
#17 AR-1242-2

R.T.: 4.717 min  
Delta R.T.: -0.018 min  
Response: 52919139  
Conc: 388.07 ng/ml



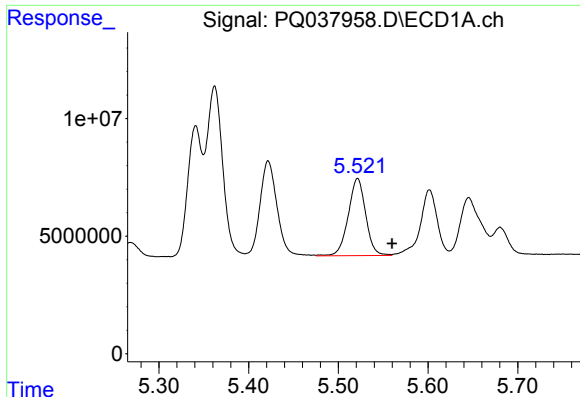
#18 AR-1242-3

R.T.: 5.422 min  
Delta R.T.: -0.038 min  
Response: 53245301  
Conc: 352.01 ng/ml



#18 AR-1242-3

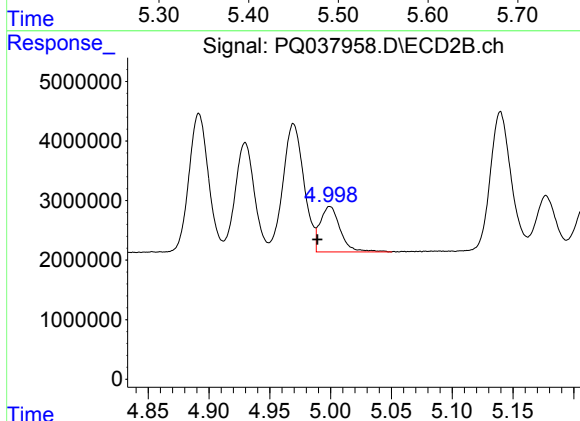
R.T.: 4.892 min  
Delta R.T.: -0.018 min  
Response: 25877955  
Conc: 366.90 ng/ml



#19 AR-1242-4

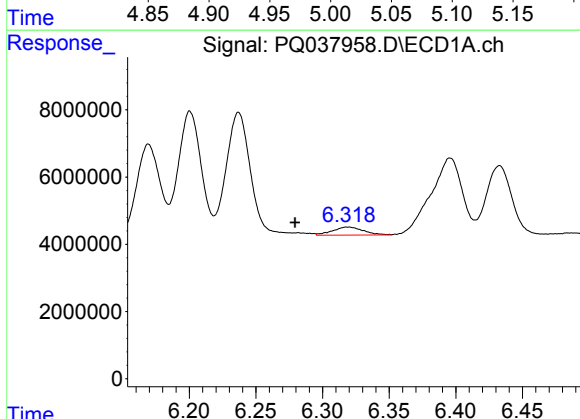
R.T.: 5.522 min  
Delta R.T.: -0.038 min  
Response: 44319399  
Conc: 352.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



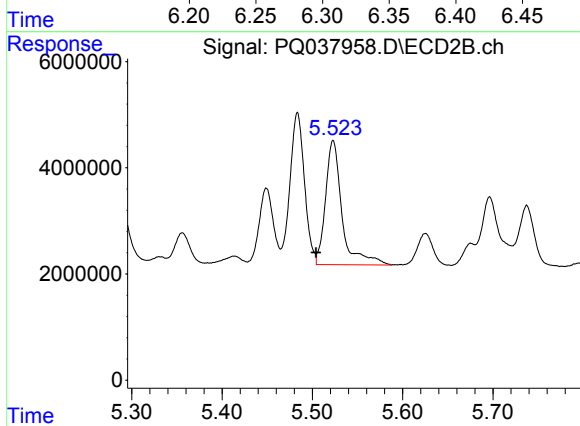
#19 AR-1242-4

R.T.: 4.999 min  
Delta R.T.: 0.010 min  
Response: 8780266  
Conc: 127.97 ng/ml



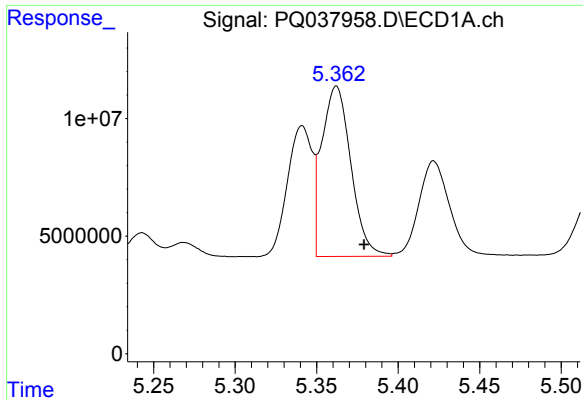
#20 AR-1242-5

R.T.: 6.319 min  
Delta R.T.: 0.040 min  
Response: 3867757  
Conc: 27.87 ng/ml



#20 AR-1242-5

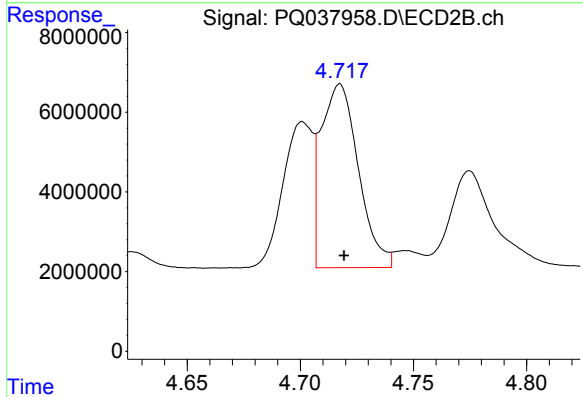
R.T.: 5.523 min  
Delta R.T.: 0.019 min  
Response: 29838899  
Conc: 341.29 ng/ml



#21 AR-1248-1

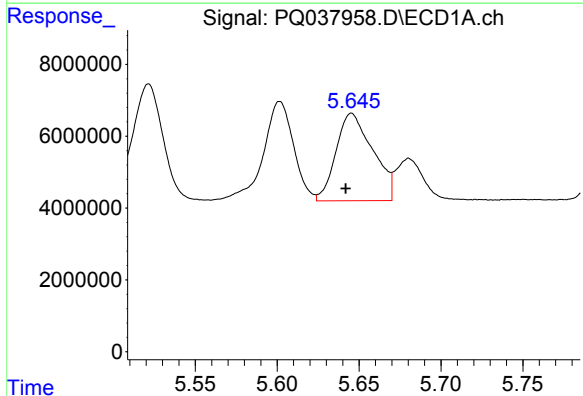
R.T.: 5.362 min  
Delta R.T.: -0.017 min  
Response: 90197839  
Conc: 766.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



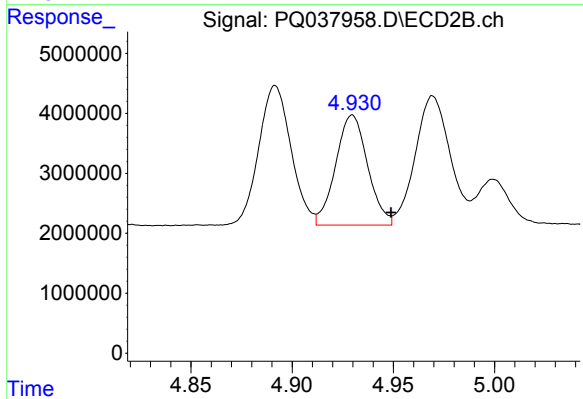
#21 AR-1248-1

R.T.: 4.717 min  
Delta R.T.: -0.002 min  
Response: 52919139  
Conc: 793.29 ng/ml



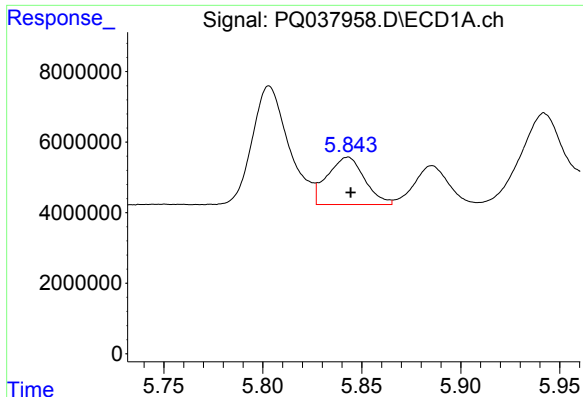
#22 AR-1248-2

R.T.: 5.645 min  
Delta R.T.: 0.003 min  
Response: 38098339  
Conc: 222.07 ng/ml



#22 AR-1248-2

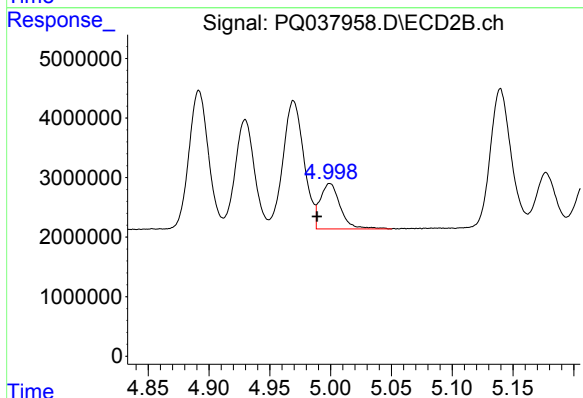
R.T.: 4.930 min  
Delta R.T.: -0.019 min  
Response: 20213491  
Conc: 223.60 ng/ml



#23 AR-1248-3

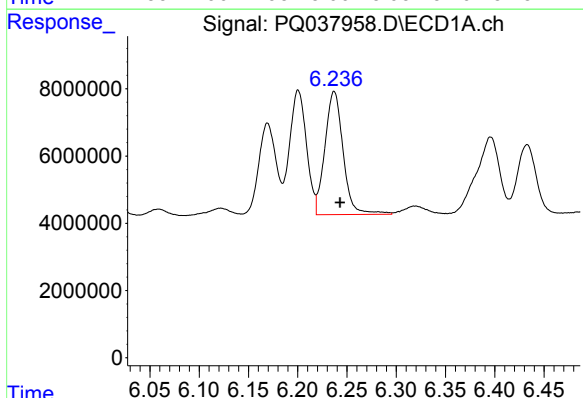
R.T.: 5.843 min  
Delta R.T.: -0.002 min  
Response: 17548880  
Conc: 90.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



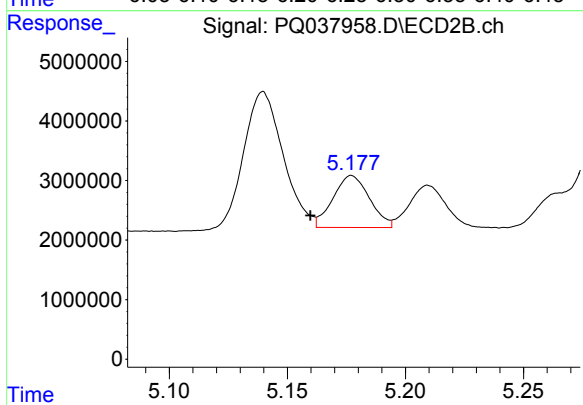
#23 AR-1248-3

R.T.: 4.999 min  
Delta R.T.: 0.011 min  
Response: 8780266  
Conc: 95.13 ng/ml



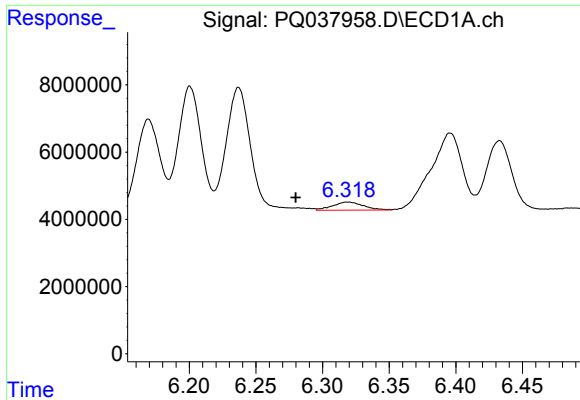
#24 AR-1248-4

R.T.: 6.237 min  
Delta R.T.: -0.006 min  
Response: 47285547  
Conc: 207.97 ng/ml



#24 AR-1248-4

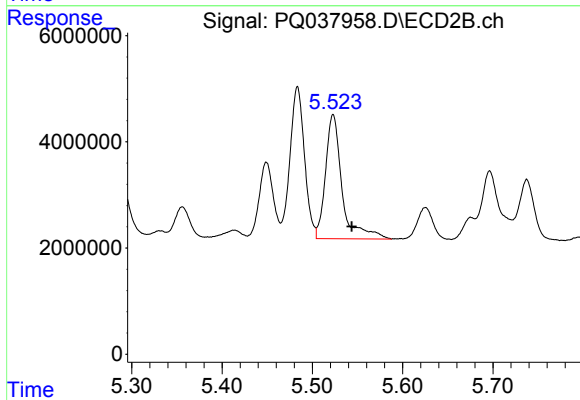
R.T.: 5.177 min  
Delta R.T.: 0.017 min  
Response: 9389632  
Conc: 82.74 ng/ml



#25 AR-1248-5

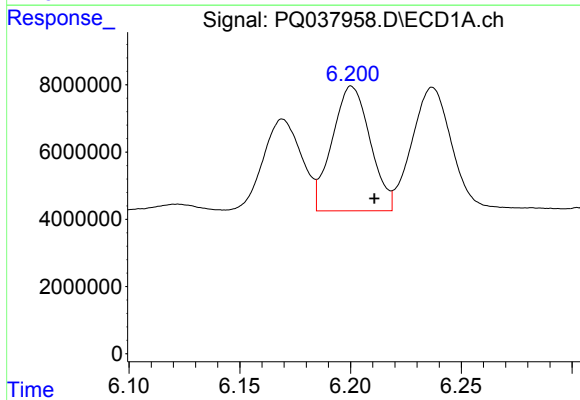
R.T.: 6.319 min  
Delta R.T.: 0.039 min  
Response: 3867757  
Conc: 17.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



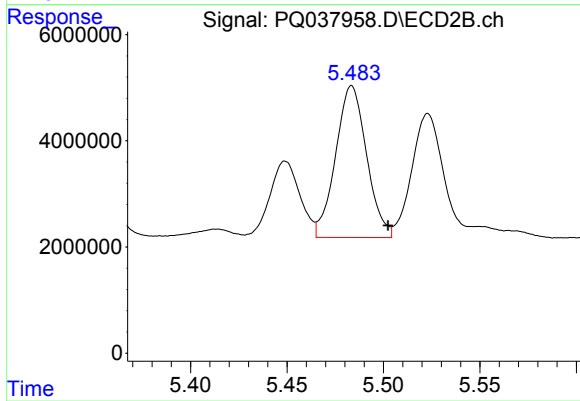
#25 AR-1248-5

R.T.: 5.523 min  
Delta R.T.: -0.021 min  
Response: 29838899  
Conc: 271.78 ng/ml



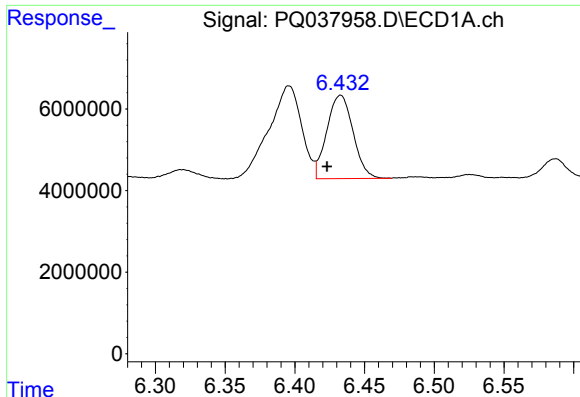
#26 AR-1254-1

R.T.: 6.201 min  
Delta R.T.: -0.010 min  
Response: 44398296  
Conc: 209.63 ng/ml



#26 AR-1254-1

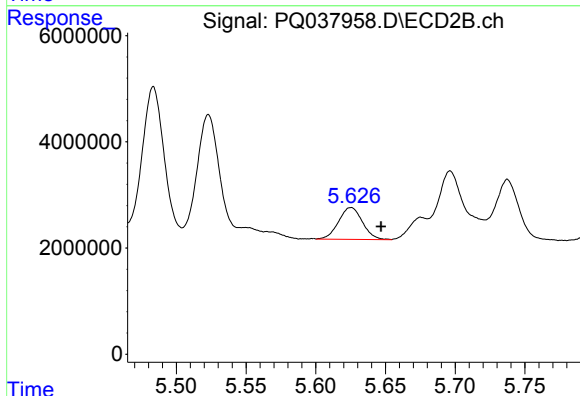
R.T.: 5.484 min  
Delta R.T.: -0.019 min  
Response: 31950395  
Conc: 192.69 ng/ml



#27 AR-1254-2

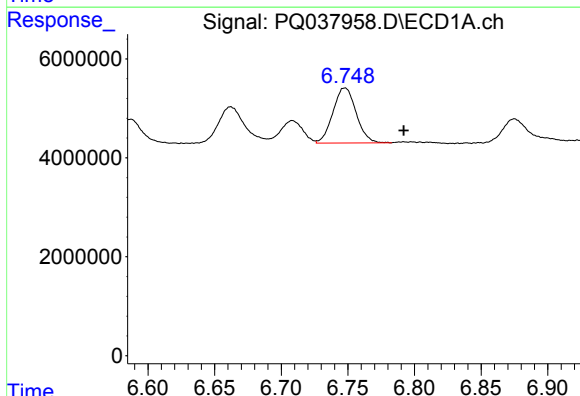
R.T.: 6.433 min  
Delta R.T.: 0.010 min  
Response: 26740992  
Conc: 79.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



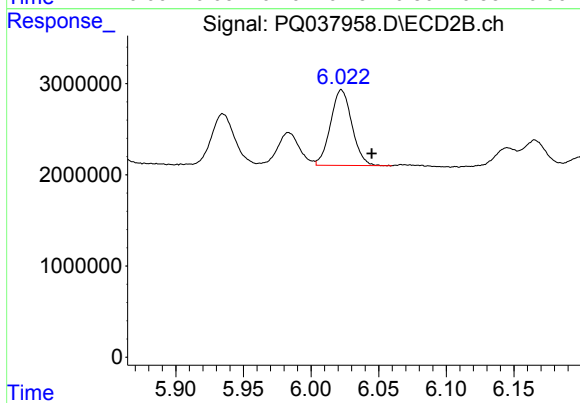
#27 AR-1254-2

R.T.: 5.625 min  
Delta R.T.: -0.021 min  
Response: 7133695  
Conc: 50.09 ng/ml



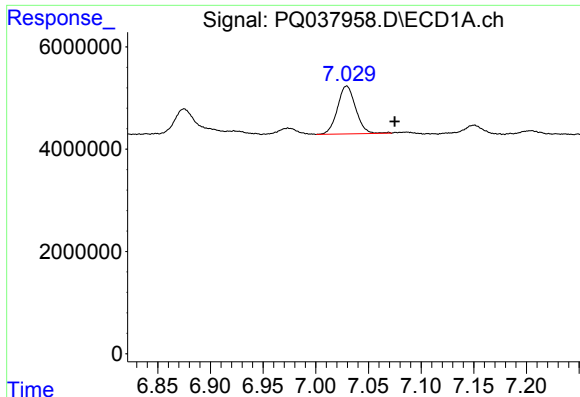
#28 AR-1254-3

R.T.: 6.748 min  
Delta R.T.: -0.044 min  
Response: 13532506  
Conc: 38.99 ng/ml



#28 AR-1254-3

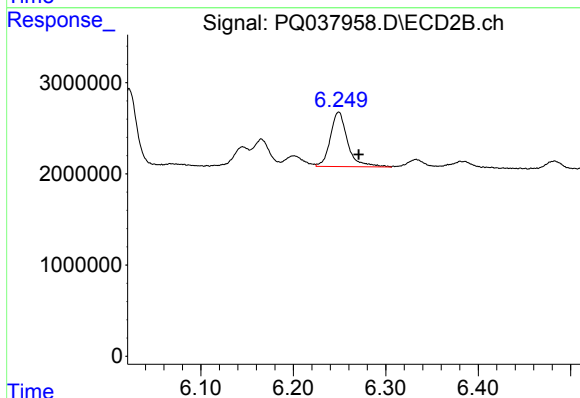
R.T.: 6.022 min  
Delta R.T.: -0.022 min  
Response: 9147851  
Conc: 40.09 ng/ml



#29 AR-1254-4

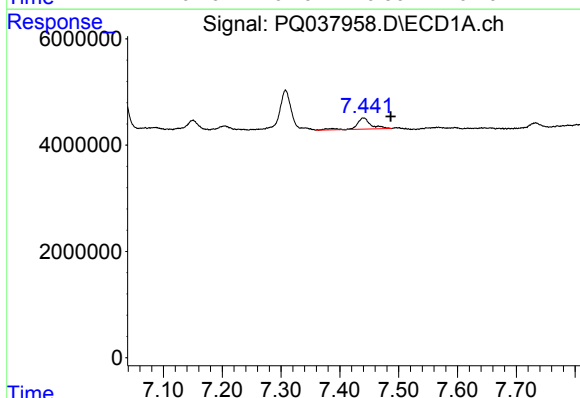
R.T.: 7.029 min  
Delta R.T.: -0.046 min  
Response: 11262851  
Conc: 40.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



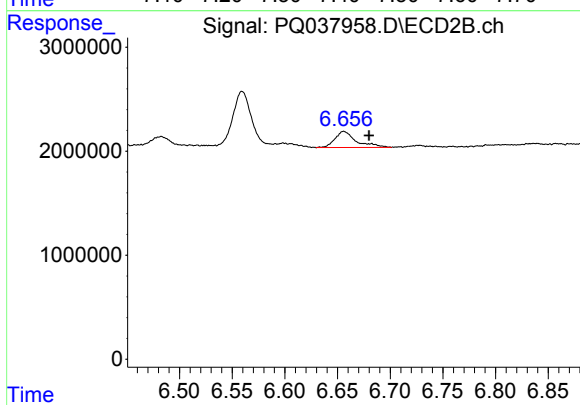
#29 AR-1254-4

R.T.: 6.249 min  
Delta R.T.: -0.022 min  
Response: 7715527  
Conc: 44.93 ng/ml



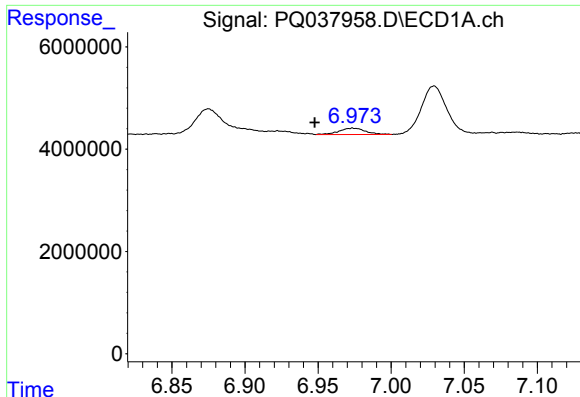
#30 AR-1254-5

R.T.: 7.440 min  
Delta R.T.: -0.047 min  
Response: 3606509  
Conc: 13.05 ng/ml



#30 AR-1254-5

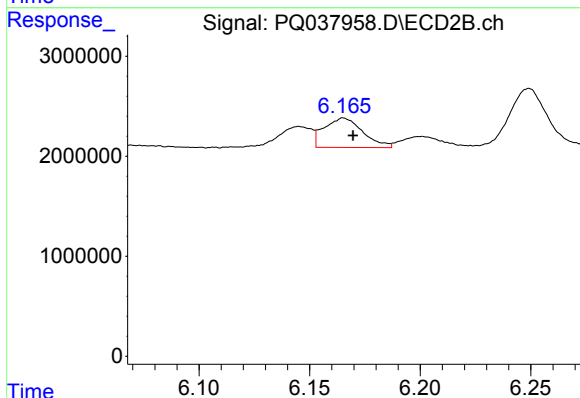
R.T.: 6.656 min  
Delta R.T.: -0.024 min  
Response: 2194520  
Conc: 11.33 ng/ml



#31 AR-1260-1

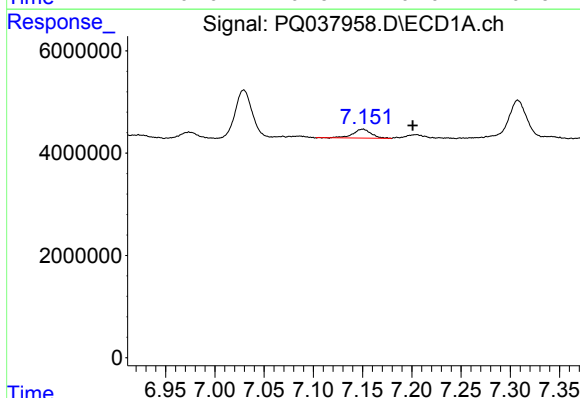
R.T.: 6.974 min  
Delta R.T.: 0.026 min  
Response: 1548518  
Conc: 3.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



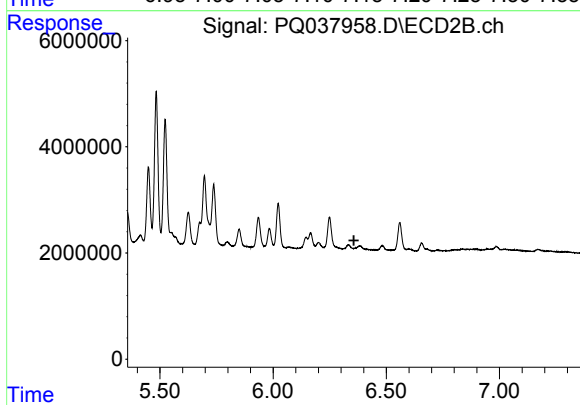
#31 AR-1260-1

R.T.: 6.165 min  
Delta R.T.: -0.004 min  
Response: 3571760  
Conc: 14.09 ng/ml



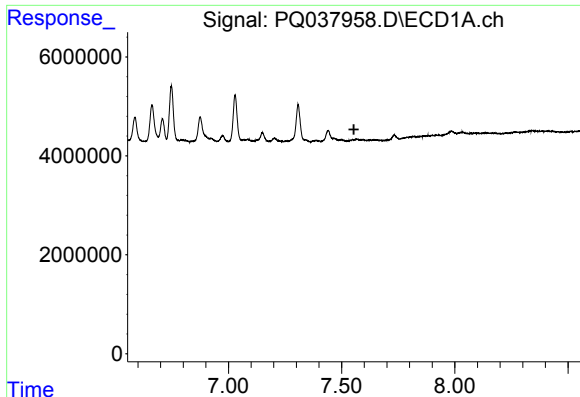
#32 AR-1260-2

R.T.: 7.150 min  
Delta R.T.: -0.051 min  
Response: 2275430  
Conc: 3.94 ng/ml



#32 AR-1260-2

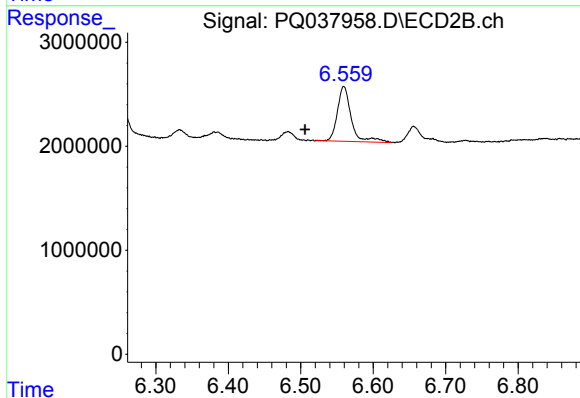
R.T.: 0.000 min  
Exp R.T.: 6.357 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

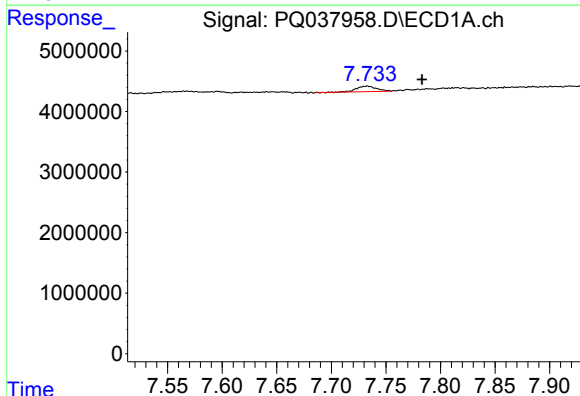
R.T.: 0.000 min  
Exp R.T.: 7.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



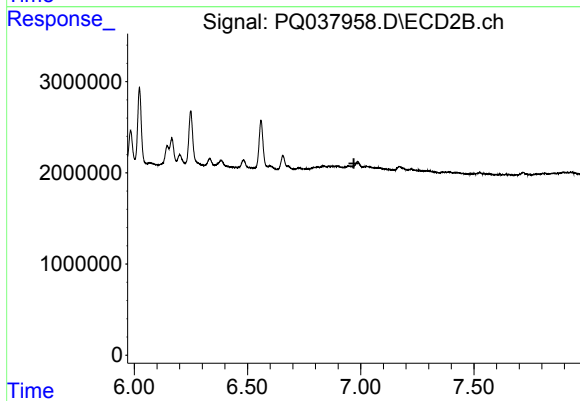
#33 AR-1260-3

R.T.: 6.559 min  
Delta R.T.: 0.053 min  
Response: 6972564  
Conc: 24.55 ng/ml



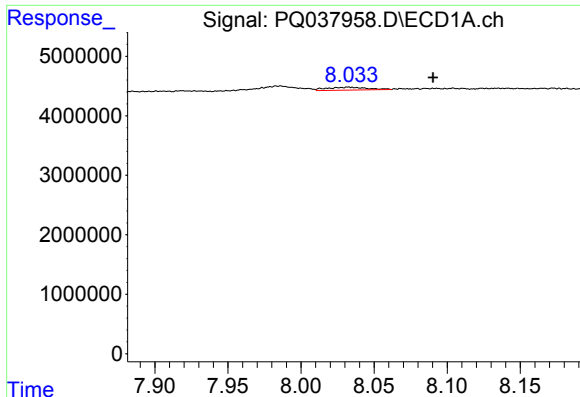
#34 AR-1260-4

R.T.: 7.733 min  
Delta R.T.: -0.050 min  
Response: 1188735  
Conc: 2.71 ng/ml



#34 AR-1260-4

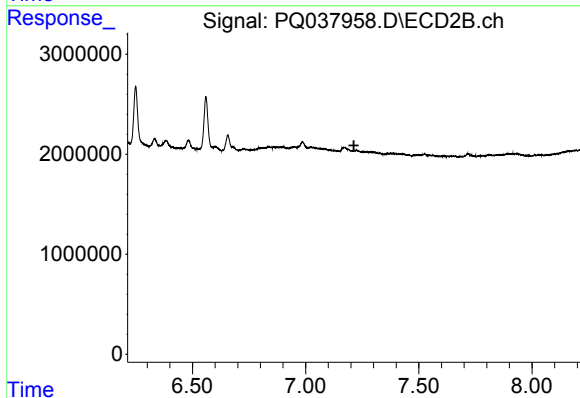
R.T.: 0.000 min  
Exp R.T.: 6.970 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

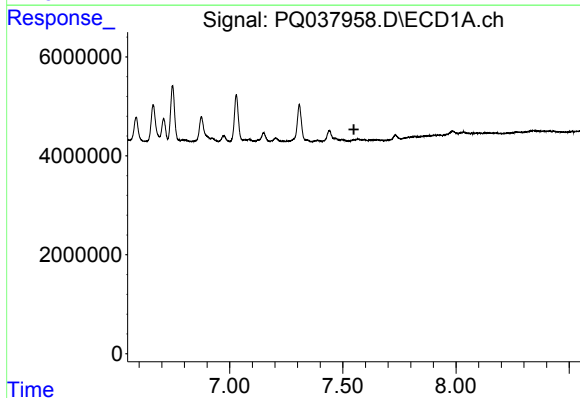
R.T.: 8.033 min  
Delta R.T.: -0.058 min  
Response: 956326  
Conc: 0.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



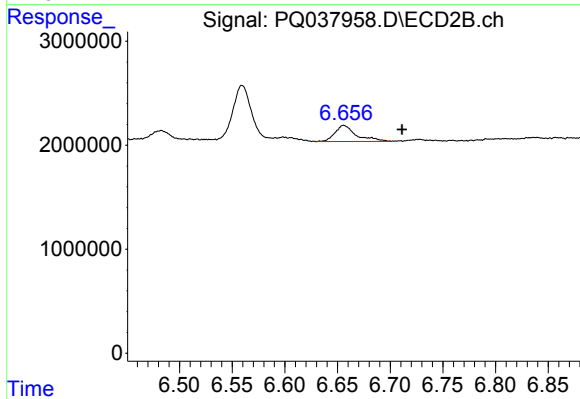
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.213 min  
Response: 0  
Conc: N.D.



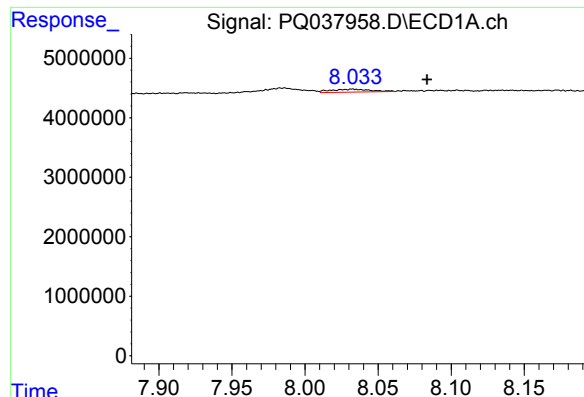
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.549 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

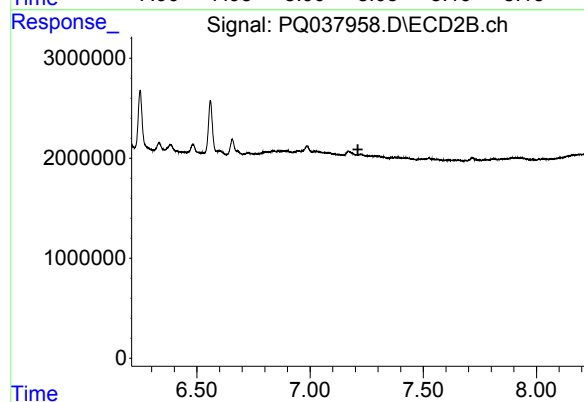
R.T.: 6.656 min  
Delta R.T.: -0.055 min  
Response: 2194520  
Conc: 10.49 ng/ml



#37 AR-1262-2

R.T.: 8.033 min  
Delta R.T.: -0.051 min  
Response: 956326  
Conc: 1.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242378



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.211 min  
Response: 0  
Conc: N.D.