

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 01:55
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248334

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 02:35:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.604	4.738	86465222	54947967	26.394	25.584
2)	SA Decachlor...	11.918	10.460	301.9E6	154.9E6	42.260	37.262
Target Compounds							
3)	L1 AR-1016-1	7.053	6.184	34867044	23342137	208.420	181.966
4)	L1 AR-1016-2	7.078	6.206	44307513	25517199	168.533	132.205
5)	L1 AR-1016-3	7.148	6.420	23009199	17723408	134.810	164.335
6)	L1 AR-1016-4	7.260	6.473	22883702	35200575	165.555	413.400 #
7)	L1 AR-1016-5	7.594	6.725	59487456	43363097	428.817	376.611
8)	L2 AR-1221-1	0.000	5.042	0	790146	N.D.	32.242 #
9)	L2 AR-1221-2	0.000	5.157	0	2582392	N.D.	158.548 #
10)	L2 AR-1221-3	0.000	5.262	0	3383149	N.D.	55.638 #
11)	L3 AR-1232-1	0.000	5.262	0	3383149	N.D.	73.830 #
12)	L3 AR-1232-2	6.736	6.206	15686684	25517199	395.653	425.382
13)	L3 AR-1232-3	7.078	6.420	44307513	17723408	548.277	503.967
14)	L3 AR-1232-4	7.260	6.521	22883702	36236593	547.478	1226.353 #
15)	L3 AR-1232-5	7.365	6.725	52725353	43363097	1663.655	1440.425
16)	L4 AR-1242-1	7.053	6.184	34867044	23342137	359.617	315.656
17)	L4 AR-1242-2	7.078	6.206	44307513	25517199	306.588	239.689
18)	L4 AR-1242-3	7.148	6.420	23009199	17723408	247.170	293.802
19)	L4 AR-1242-4	7.260	6.521	22883702	36236593	304.262	607.992 #
20)	L4 AR-1242-5	8.082	7.134	63107324	62966980	727.935	781.341
21)	L5 AR-1248-1	7.053	6.184	34867044	23342137	450.464	405.081
22)	L5 AR-1248-2	7.365	6.473	52725353	35200575	468.120	400.373
23)	L5 AR-1248-3	7.594	6.521	59487456	36236593	430.984	400.477
24)	L5 AR-1248-4	8.041	6.725	64773274	43363097	429.048	392.677
25)	L5 AR-1248-5	8.082	7.180	63107324	43376461	419.155	382.052
26)	L6 AR-1254-1	8.010	7.134	50896057	62966980	291.845	328.748
27)	L6 AR-1254-2	8.252	7.301	66177558	18591369	239.294	107.013 #
28)	L6 AR-1254-3	8.642	7.747	36868169	30060098	124.225	104.021
29)	L6 AR-1254-4	8.944	7.997	23868803	20088483	114.848	112.510
30)	L6 AR-1254-5	9.382	8.441	4906546	5711199	17.037	22.168 #
31)	L7 AR-1260-1	8.775	7.904	11203013	14277108	33.702	52.080 #
32)	L7 AR-1260-2	0.000	8.091	0	2990223	N.D.	8.644 #
33)	L7 AR-1260-3	0.000	8.254	0	3734829	N.D.	11.646 #
34)	L7 AR-1260-4	0.000	8.750	0	1006076	N.D.	3.703 #
35)	L7 AR-1260-5	0.000	9.003	0	2595112	N.D.	3.861 #
36)	L8 AR-1262-1	0.000	8.513	0	828723	N.D.	7.299 #
37)	L8 AR-1262-2	0.000	9.003	0	2595112	N.D.	5.231 #
38)	L8 AR-1262-3	0.000	9.296	0	622607	N.D.	2.961 #
39)	L8 AR-1262-4	0.000	9.362	0	1628332	N.D.	4.301 #
40)	L8 AR-1262-5	0.000	9.883	0	594863	N.D.	3.669 #
41)	L9 AR-1268-1	0.000	9.296	0	622607	N.D.	1.364 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
Data File : PQ040165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2019 01:55
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

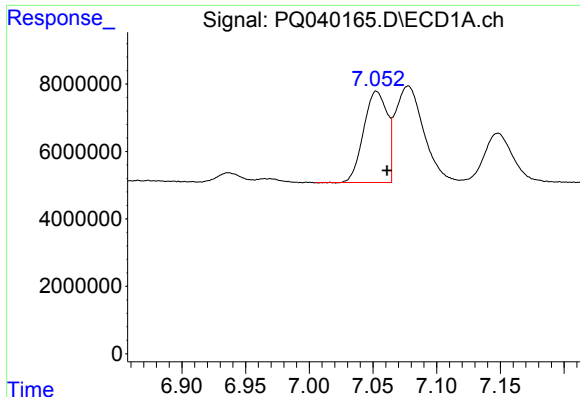
Instrument :
ECD_Q
ClientSampleId :
AR1248334

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 02:35:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 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
42) L9	AR-1268-2	0.000	9.362	0	1628332	N.D.	3.725 #
43) L9	AR-1268-3	0.000	9.570	0	1191552	N.D.	3.174 #
44) L9	AR-1268-4	0.000	9.883	0	594863	N.D.	4.317 #
45) L9	AR-1268-5	0.000	10.193	0	1651653	N.D.	1.399 #

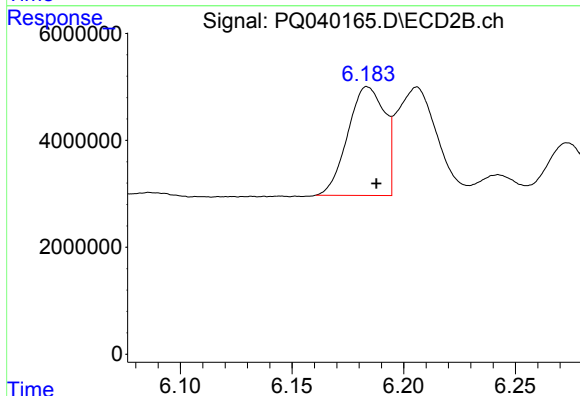
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

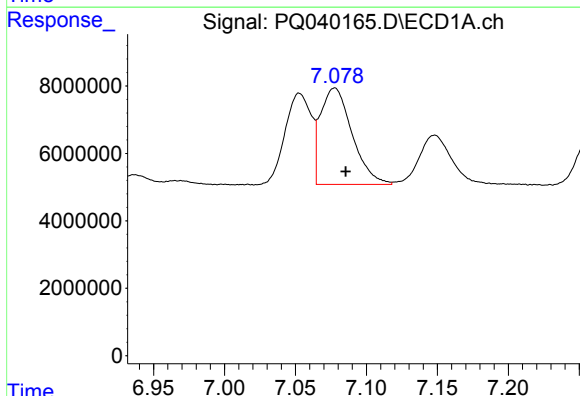
R.T.: 7.053 min
Delta R.T.: -0.008 min
Response: 34867044
Conc: 208.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



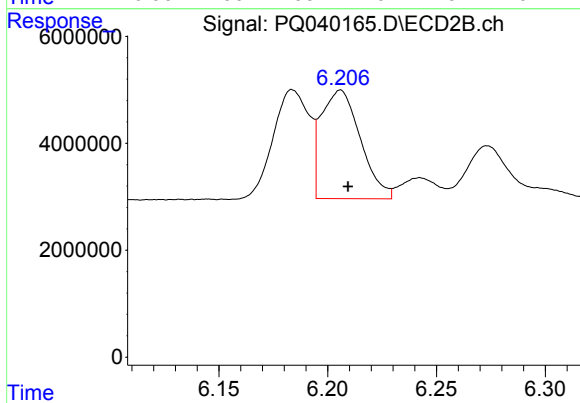
#3 AR-1016-1

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 23342137
Conc: 181.97 ng/ml



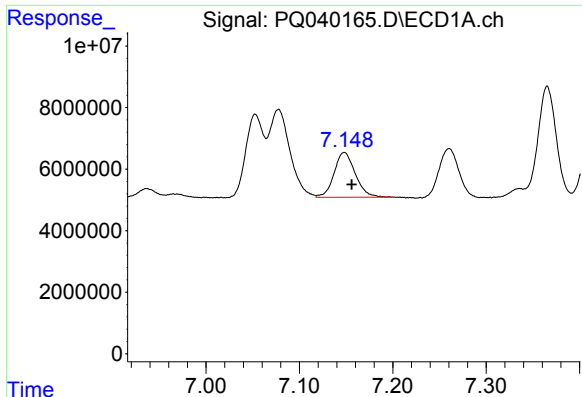
#4 AR-1016-2

R.T.: 7.078 min
Delta R.T.: -0.008 min
Response: 44307513
Conc: 168.53 ng/ml



#4 AR-1016-2

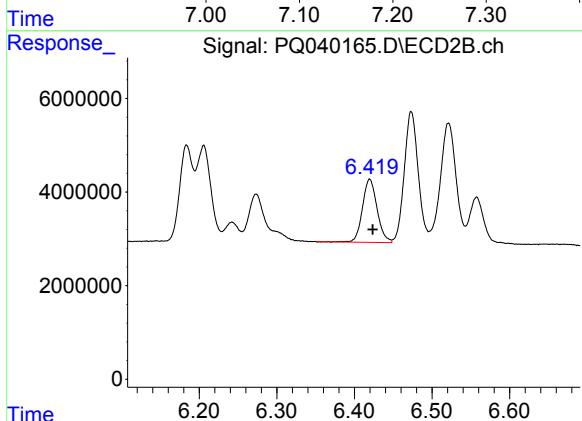
R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 25517199
Conc: 132.20 ng/ml



#5 AR-1016-3

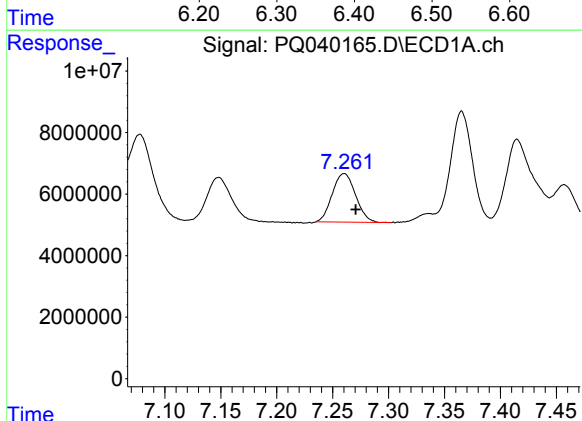
R.T.: 7.148 min
Delta R.T.: -0.008 min
Response: 23009199
Conc: 134.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



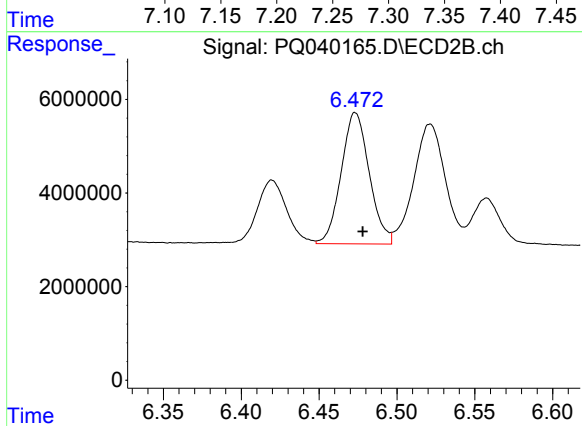
#5 AR-1016-3

R.T.: 6.420 min
Delta R.T.: -0.004 min
Response: 17723408
Conc: 164.33 ng/ml



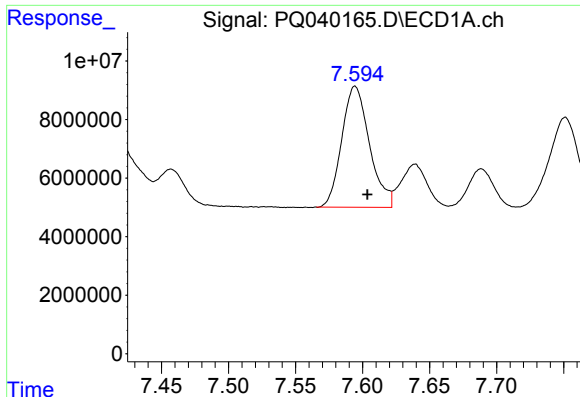
#6 AR-1016-4

R.T.: 7.260 min
Delta R.T.: -0.010 min
Response: 22883702
Conc: 165.56 ng/ml



#6 AR-1016-4

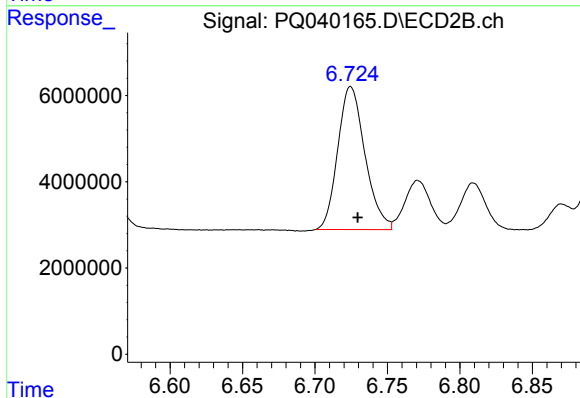
R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 35200575
Conc: 413.40 ng/ml



#7 AR-1016-5

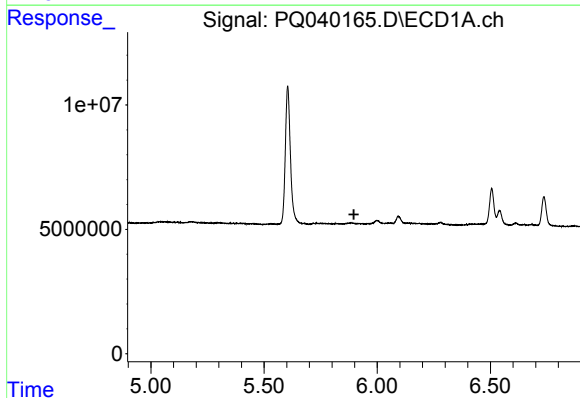
R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 59487456
Conc: 428.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



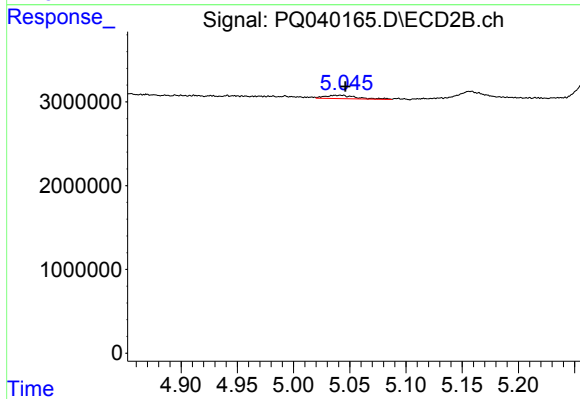
#7 AR-1016-5

R.T.: 6.725 min
Delta R.T.: -0.005 min
Response: 43363097
Conc: 376.61 ng/ml



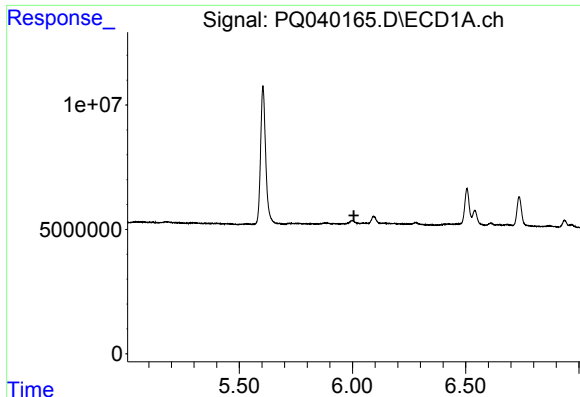
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

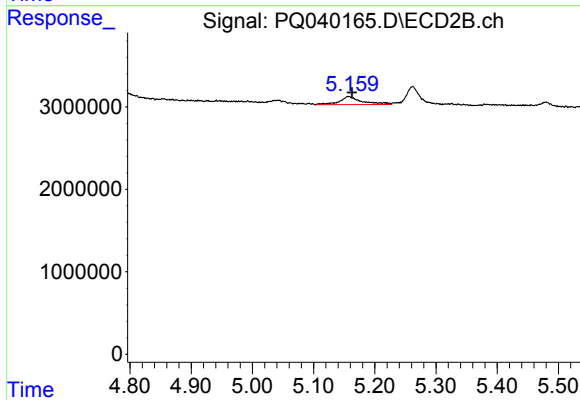
R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 790146
Conc: 32.24 ng/ml



#9 AR-1221-2

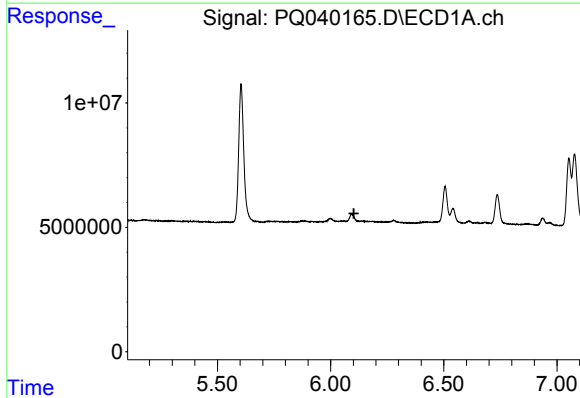
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



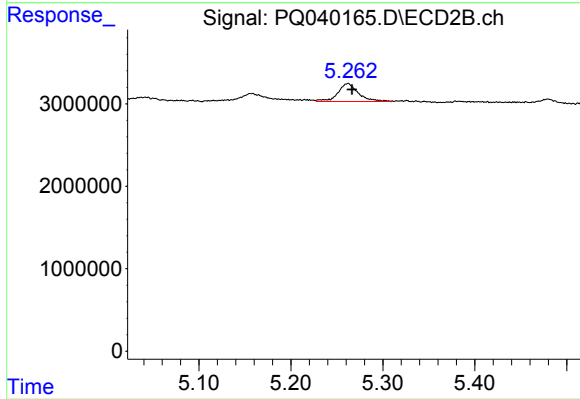
#9 AR-1221-2

R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 2582392
Conc: 158.55 ng/ml



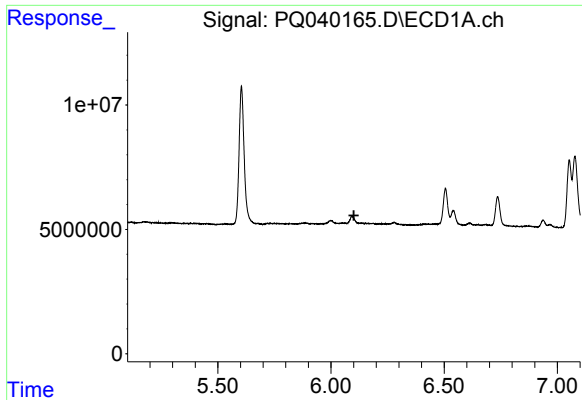
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

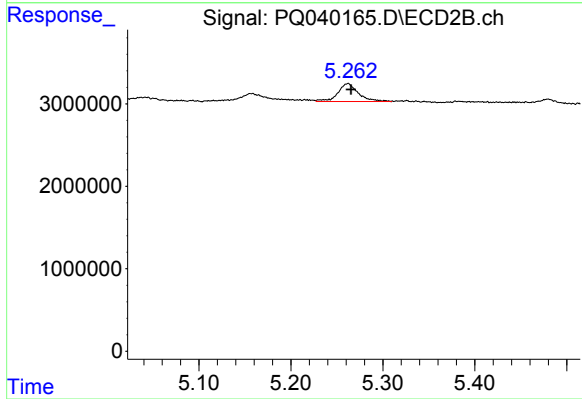
R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 3383149
Conc: 55.64 ng/ml



#11 AR-1232-1

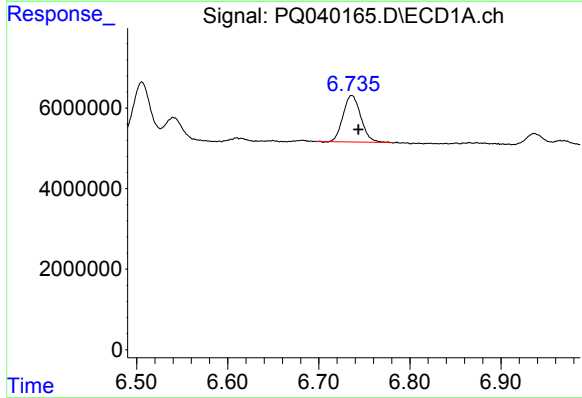
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



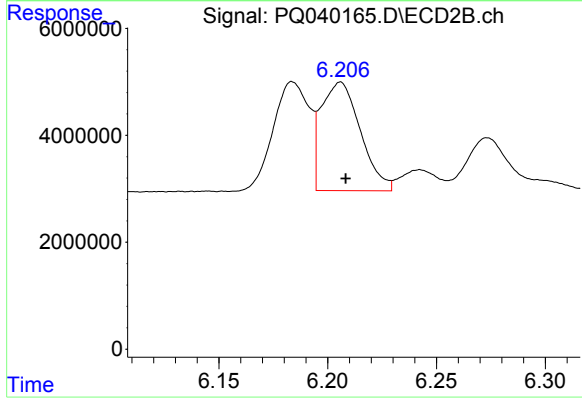
#11 AR-1232-1

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 3383149
Conc: 73.83 ng/ml



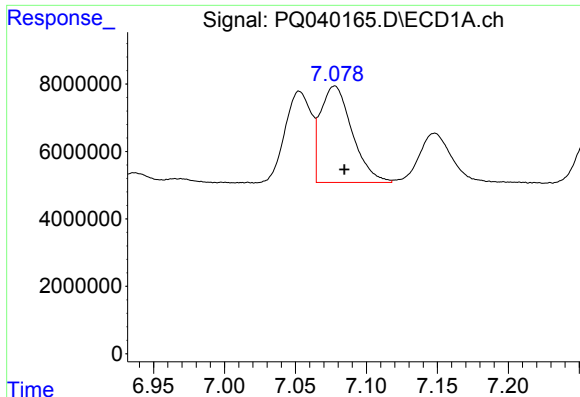
#12 AR-1232-2

R.T.: 6.736 min
Delta R.T.: -0.007 min
Response: 15686684
Conc: 395.65 ng/ml



#12 AR-1232-2

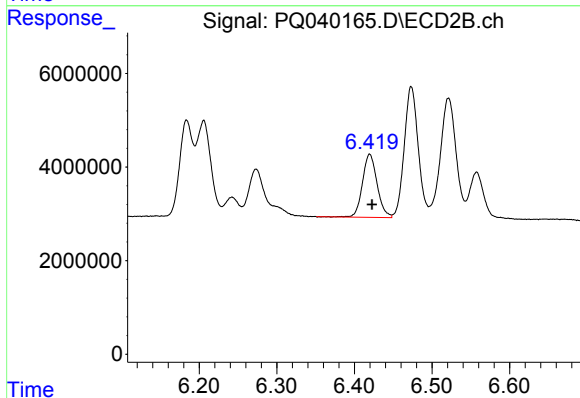
R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 25517199
Conc: 425.38 ng/ml



#13 AR-1232-3

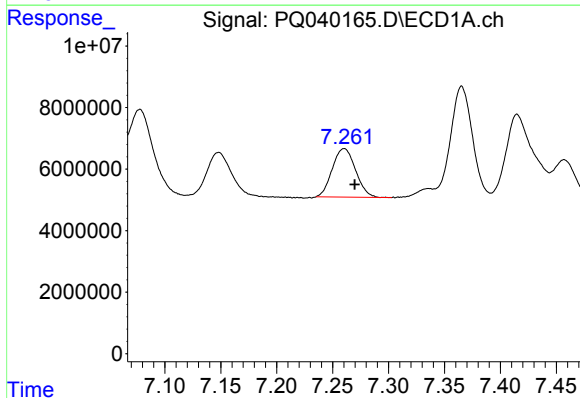
R.T.: 7.078 min
Delta R.T.: -0.007 min
Response: 44307513
Conc: 548.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



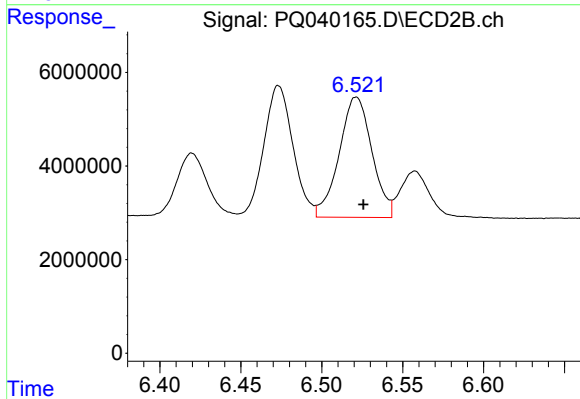
#13 AR-1232-3

R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 17723408
Conc: 503.97 ng/ml



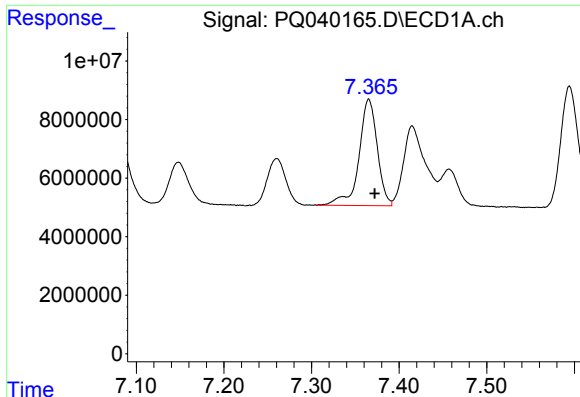
#14 AR-1232-4

R.T.: 7.260 min
Delta R.T.: -0.009 min
Response: 22883702
Conc: 547.48 ng/ml



#14 AR-1232-4

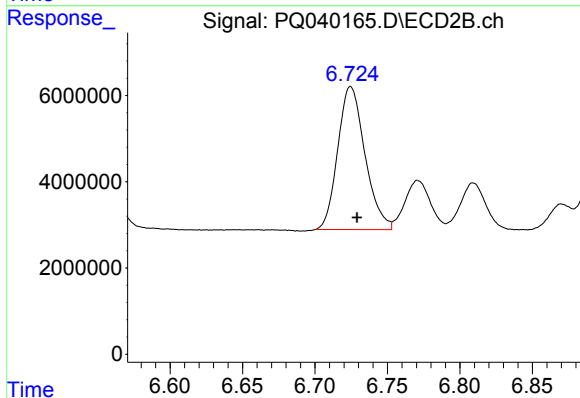
R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 36236593
Conc: 1226.35 ng/ml



#15 AR-1232-5

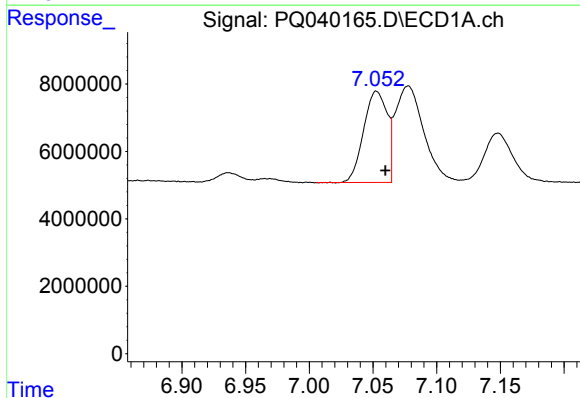
R.T.: 7.365 min
Delta R.T.: -0.007 min
Response: 52725353
Conc: 1663.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



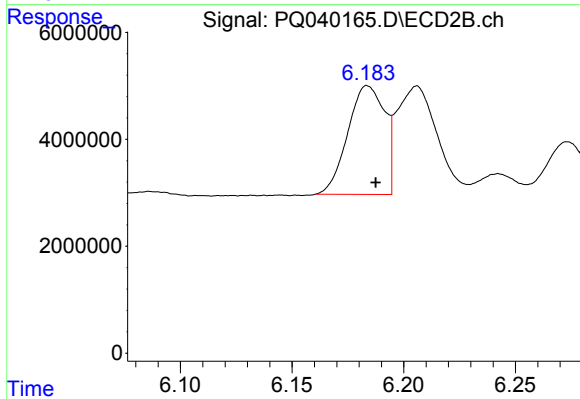
#15 AR-1232-5

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 43363097
Conc: 1440.42 ng/ml



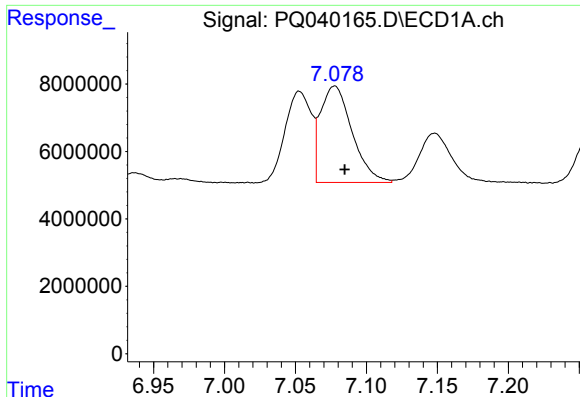
#16 AR-1242-1

R.T.: 7.053 min
Delta R.T.: -0.007 min
Response: 34867044
Conc: 359.62 ng/ml



#16 AR-1242-1

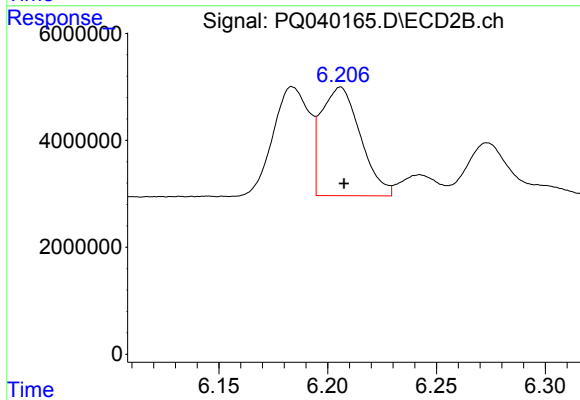
R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 23342137
Conc: 315.66 ng/ml



#17 AR-1242-2

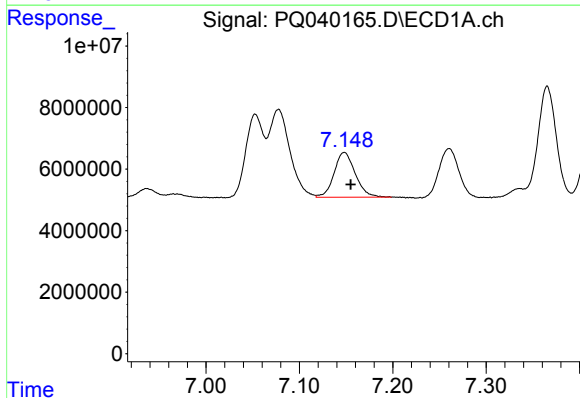
R.T.: 7.078 min
Delta R.T.: -0.007 min
Response: 44307513
Conc: 306.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



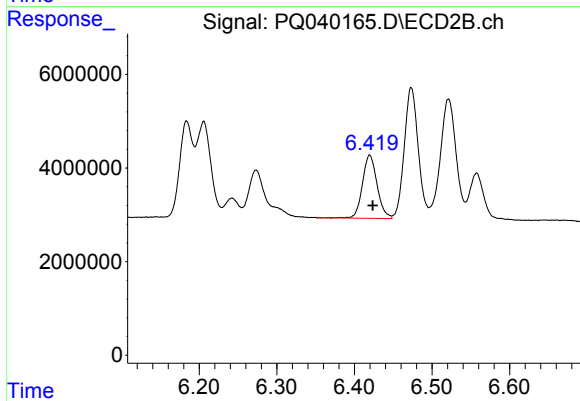
#17 AR-1242-2

R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 25517199
Conc: 239.69 ng/ml



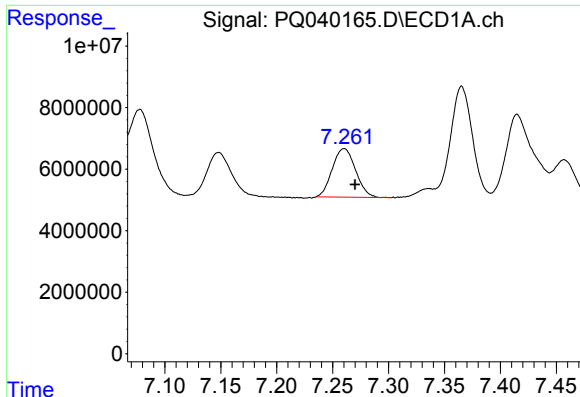
#18 AR-1242-3

R.T.: 7.148 min
Delta R.T.: -0.007 min
Response: 23009199
Conc: 247.17 ng/ml



#18 AR-1242-3

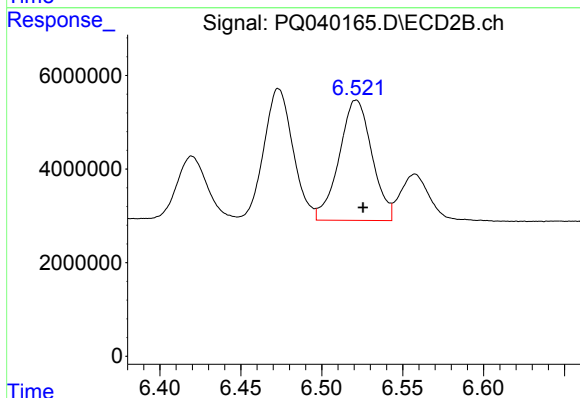
R.T.: 6.420 min
Delta R.T.: -0.004 min
Response: 17723408
Conc: 293.80 ng/ml



#19 AR-1242-4

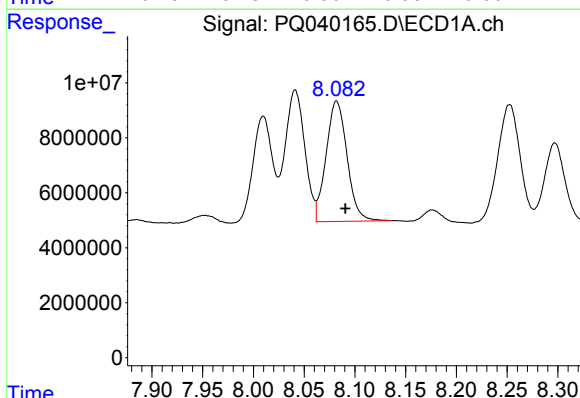
R.T.: 7.260 min
Delta R.T.: -0.010 min
Response: 22883702
Conc: 304.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



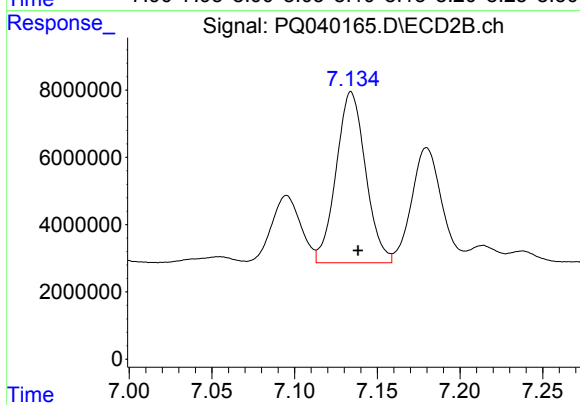
#19 AR-1242-4

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 36236593
Conc: 607.99 ng/ml



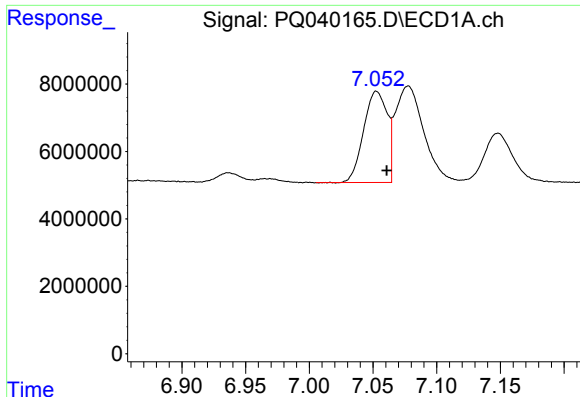
#20 AR-1242-5

R.T.: 8.082 min
Delta R.T.: -0.009 min
Response: 63107324
Conc: 727.94 ng/ml



#20 AR-1242-5

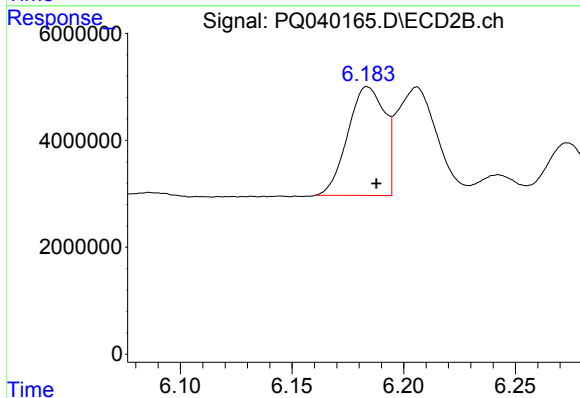
R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 62966980
Conc: 781.34 ng/ml



#21 AR-1248-1

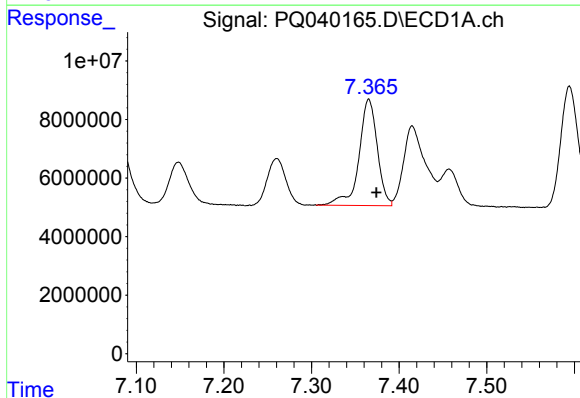
R.T.: 7.053 min
Delta R.T.: -0.008 min
Response: 34867044
Conc: 450.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



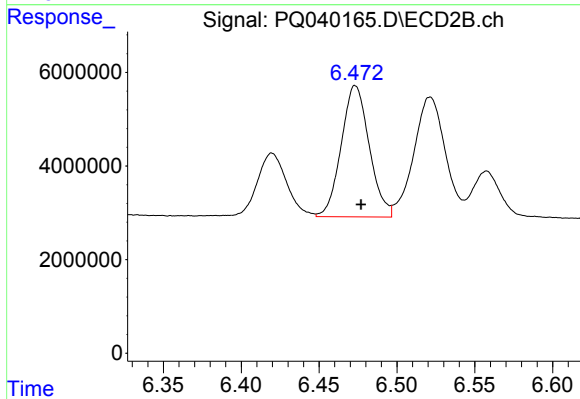
#21 AR-1248-1

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 23342137
Conc: 405.08 ng/ml



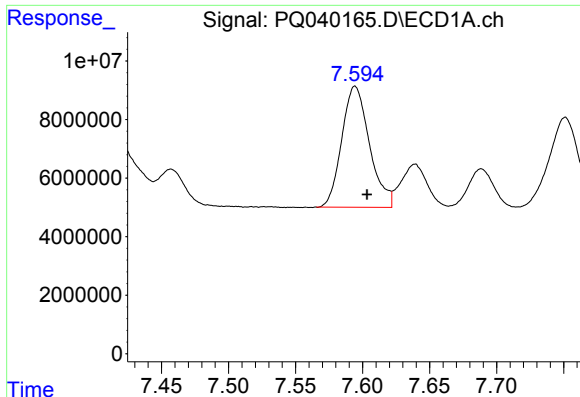
#22 AR-1248-2

R.T.: 7.365 min
Delta R.T.: -0.009 min
Response: 52725353
Conc: 468.12 ng/ml



#22 AR-1248-2

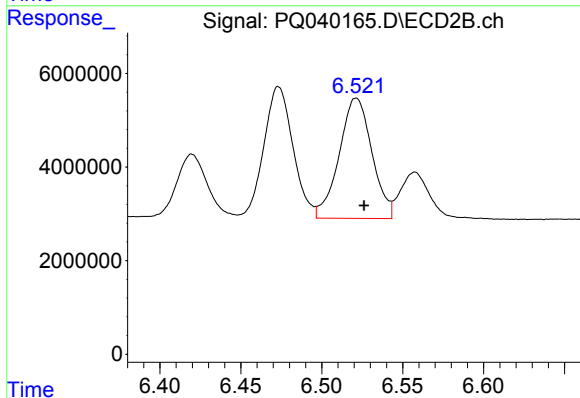
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 35200575
Conc: 400.37 ng/ml



#23 AR-1248-3

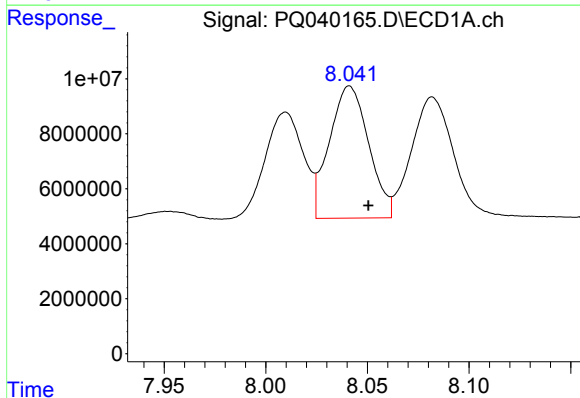
R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 59487456
Conc: 430.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



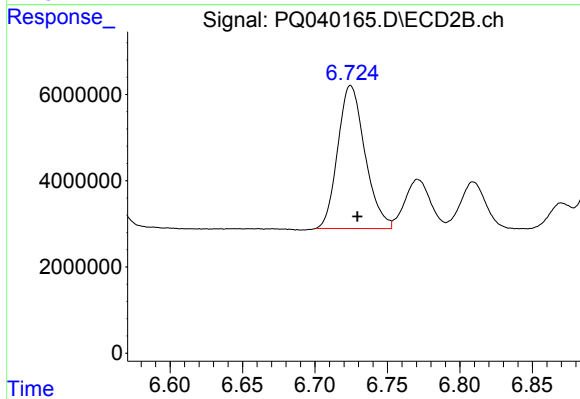
#23 AR-1248-3

R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 36236593
Conc: 400.48 ng/ml



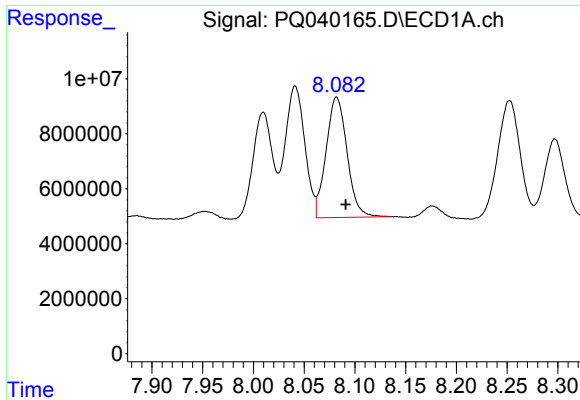
#24 AR-1248-4

R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 64773274
Conc: 429.05 ng/ml



#24 AR-1248-4

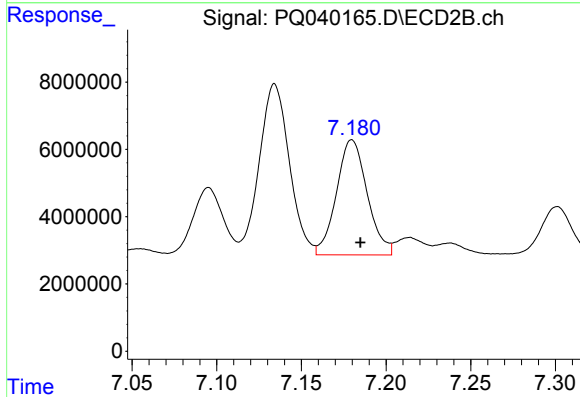
R.T.: 6.725 min
Delta R.T.: -0.005 min
Response: 43363097
Conc: 392.68 ng/ml



#25 AR-1248-5

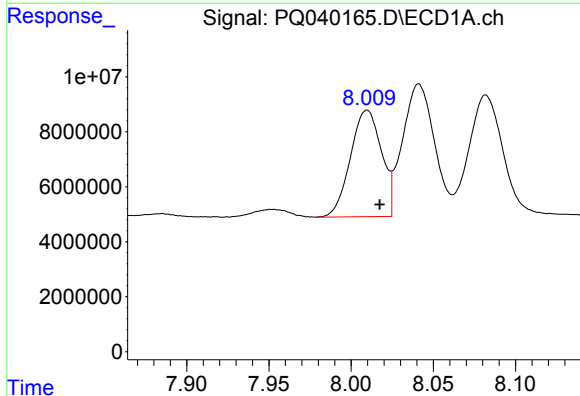
R.T.: 8.082 min
Delta R.T.: -0.009 min
Response: 63107324
Conc: 419.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



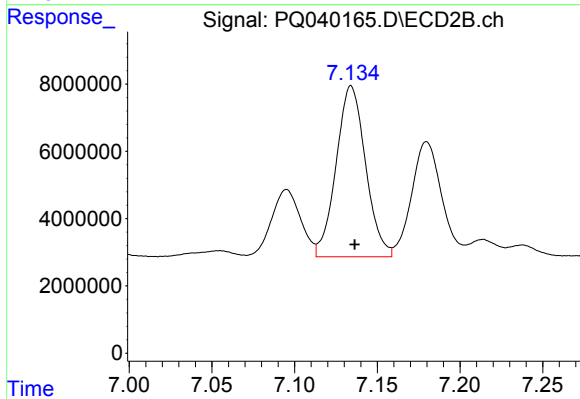
#25 AR-1248-5

R.T.: 7.180 min
Delta R.T.: -0.005 min
Response: 43376461
Conc: 382.05 ng/ml



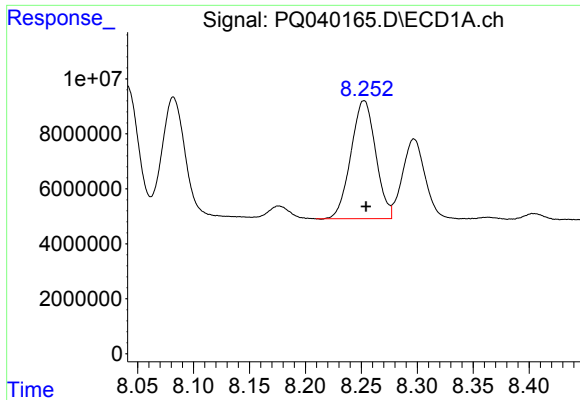
#26 AR-1254-1

R.T.: 8.010 min
Delta R.T.: -0.008 min
Response: 50896057
Conc: 291.84 ng/ml



#26 AR-1254-1

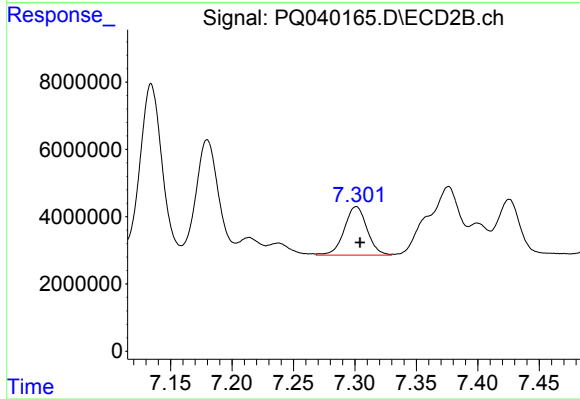
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 62966980
Conc: 328.75 ng/ml



#27 AR-1254-2

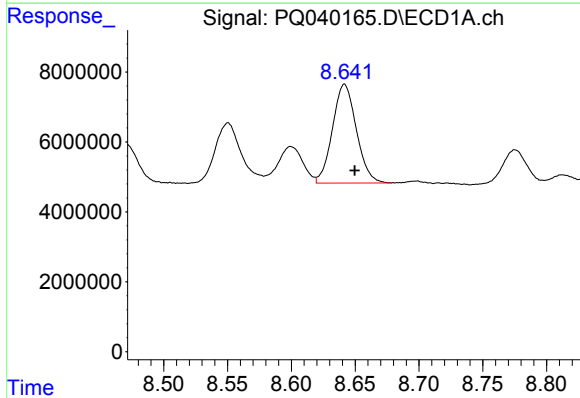
R.T.: 8.252 min
Delta R.T.: -0.002 min
Response: 66177558
Conc: 239.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



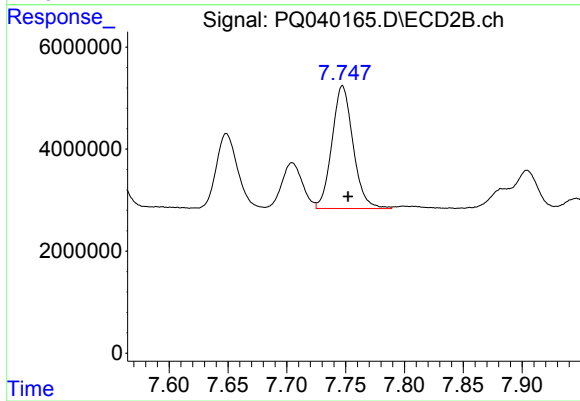
#27 AR-1254-2

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 18591369
Conc: 107.01 ng/ml



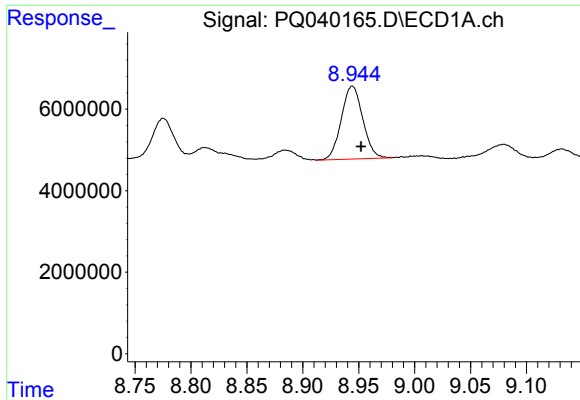
#28 AR-1254-3

R.T.: 8.642 min
Delta R.T.: -0.008 min
Response: 36868169
Conc: 124.23 ng/ml



#28 AR-1254-3

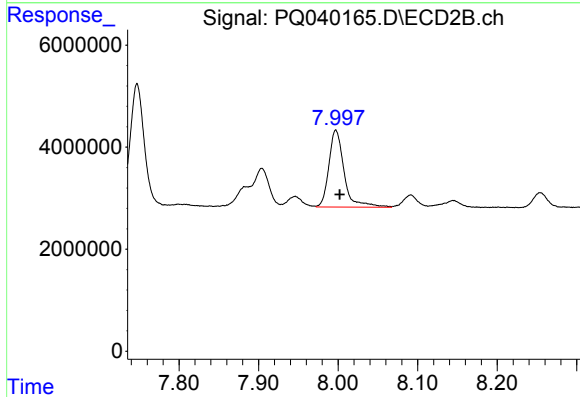
R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 30060098
Conc: 104.02 ng/ml



#29 AR-1254-4

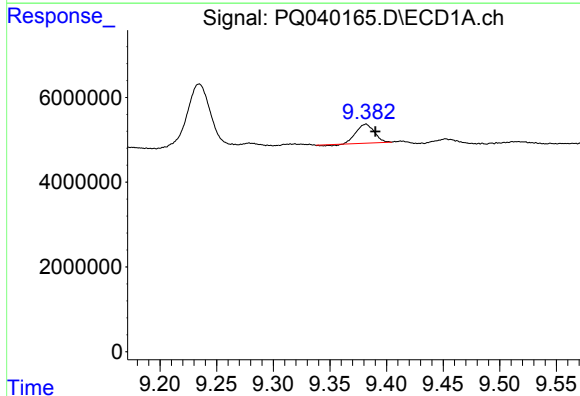
R.T.: 8.944 min
Delta R.T.: -0.008 min
Response: 23868803
Conc: 114.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



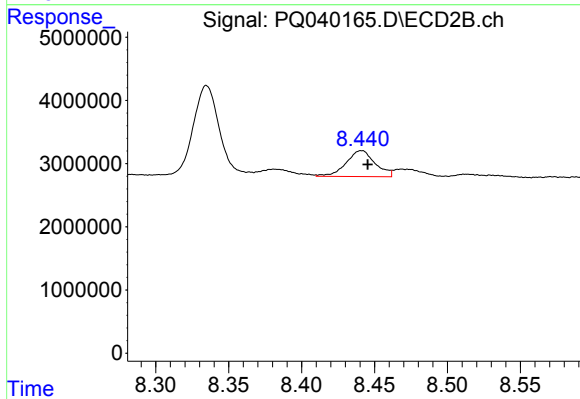
#29 AR-1254-4

R.T.: 7.997 min
Delta R.T.: -0.005 min
Response: 20088483
Conc: 112.51 ng/ml



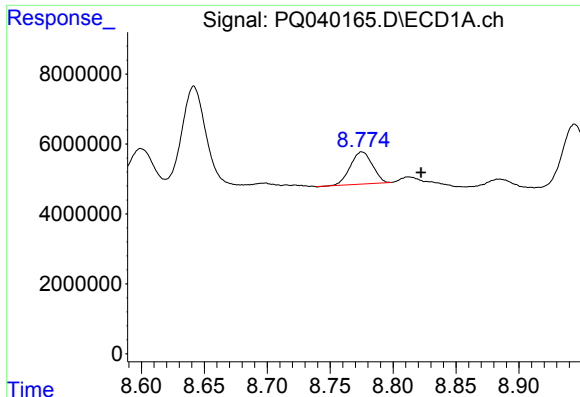
#30 AR-1254-5

R.T.: 9.382 min
Delta R.T.: -0.008 min
Response: 4906546
Conc: 17.04 ng/ml



#30 AR-1254-5

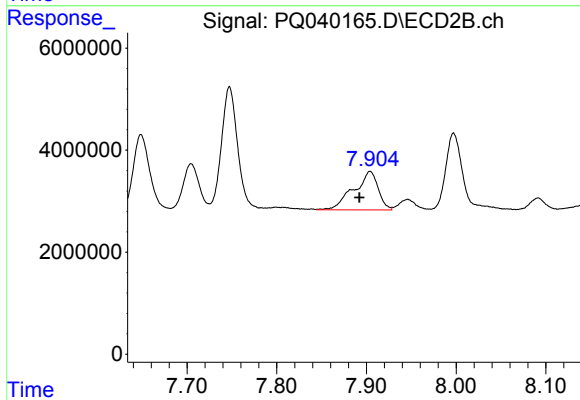
R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 5711199
Conc: 22.17 ng/ml



#31 AR-1260-1

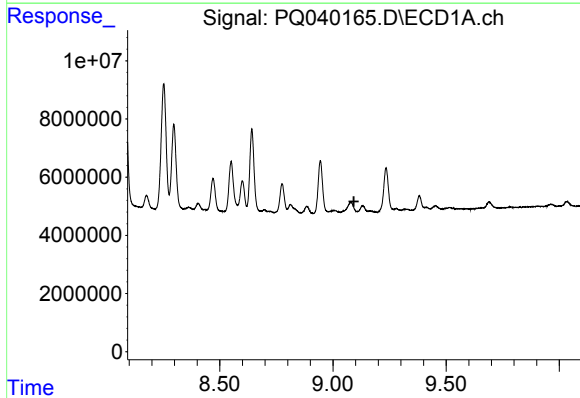
R.T.: 8.775 min
Delta R.T.: -0.047 min
Response: 11203013
Conc: 33.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248334



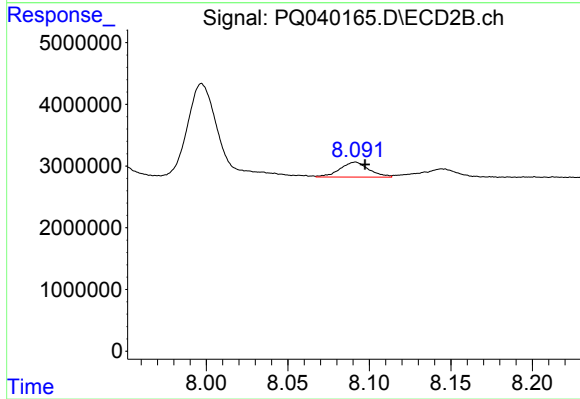
#31 AR-1260-1

R.T.: 7.904 min
Delta R.T.: 0.012 min
Response: 14277108
Conc: 52.08 ng/ml



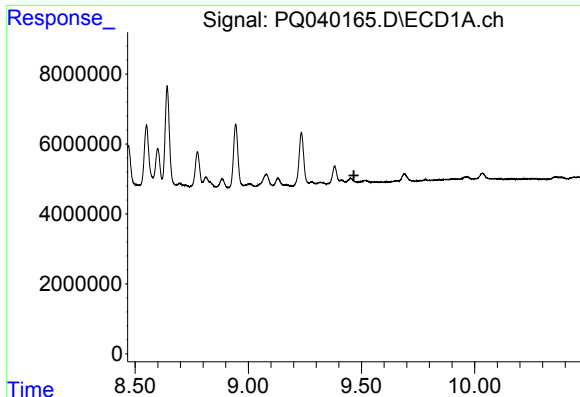
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

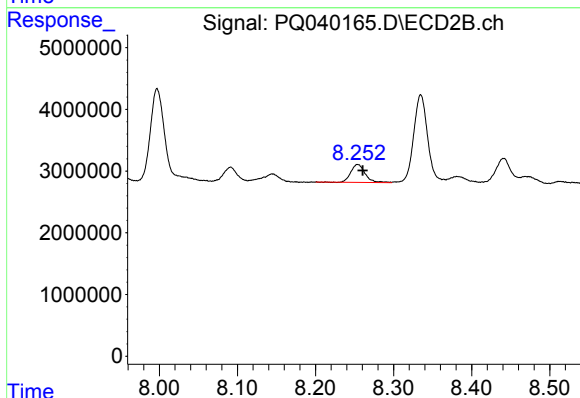
R.T.: 8.091 min
Delta R.T.: -0.006 min
Response: 2990223
Conc: 8.64 ng/ml



#33 AR-1260-3

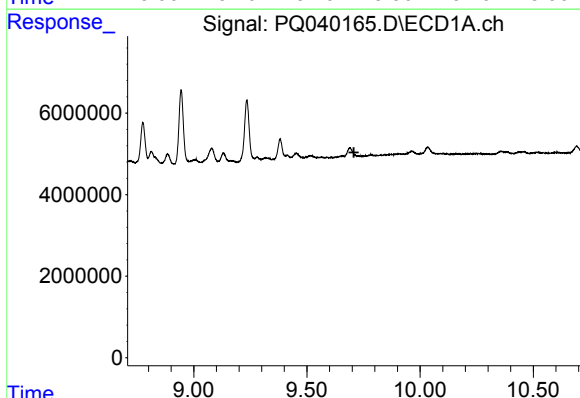
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



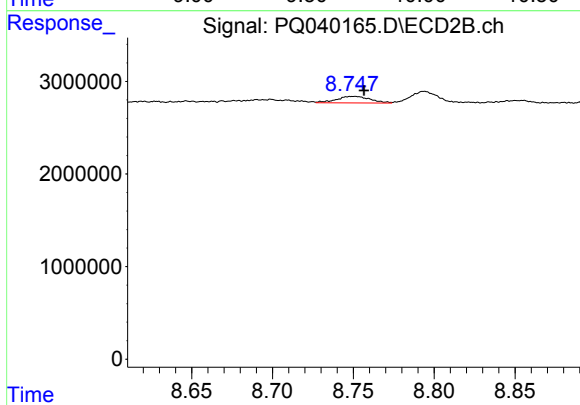
#33 AR-1260-3

R.T.: 8.254 min
Delta R.T.: -0.006 min
Response: 3734829
Conc: 11.65 ng/ml



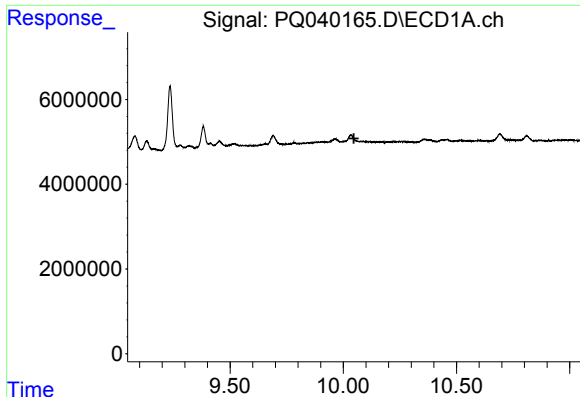
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

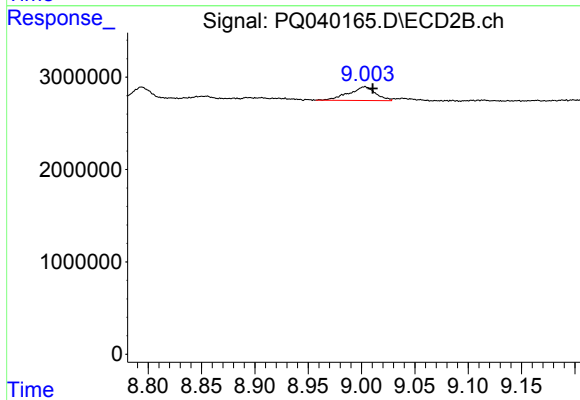
R.T.: 8.750 min
Delta R.T.: -0.006 min
Response: 1006076
Conc: 3.70 ng/ml



#35 AR-1260-5

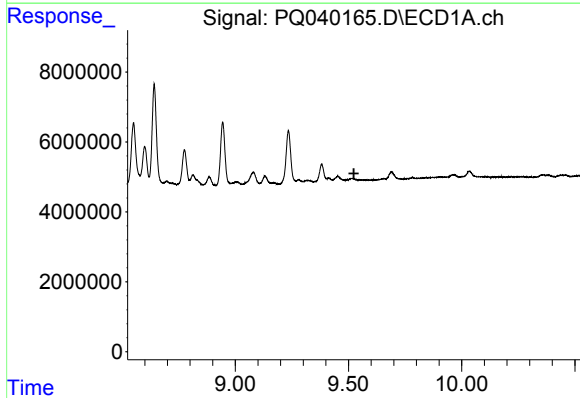
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



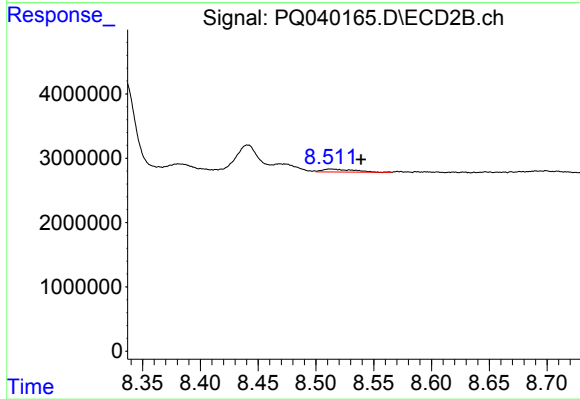
#35 AR-1260-5

R.T.: 9.003 min
Delta R.T.: -0.007 min
Response: 2595112
Conc: 3.86 ng/ml



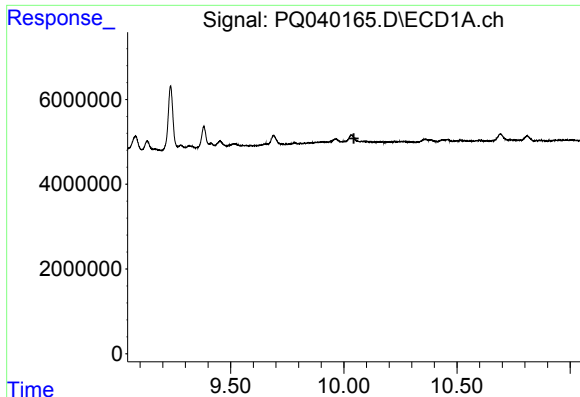
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

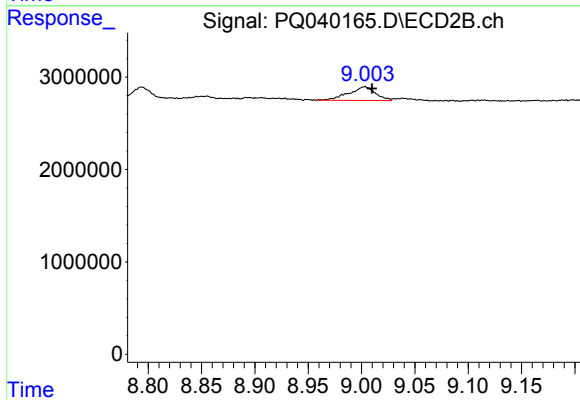
R.T.: 8.513 min
Delta R.T.: -0.027 min
Response: 828723
Conc: 7.30 ng/ml



#37 AR-1262-2

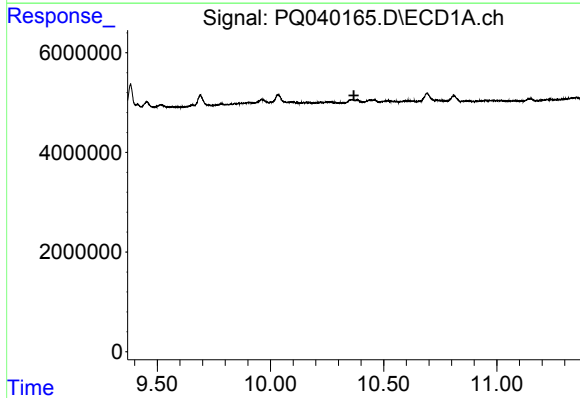
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



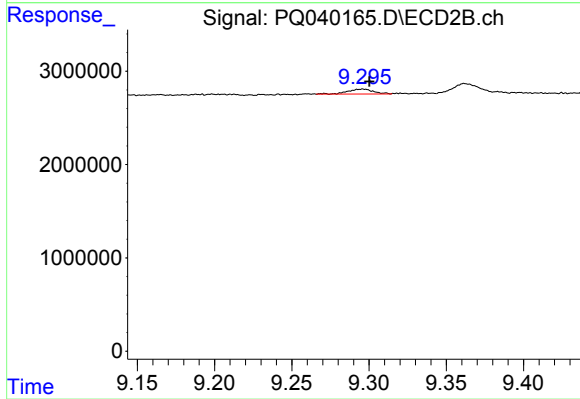
#37 AR-1262-2

R.T.: 9.003 min
Delta R.T.: -0.007 min
Response: 2595112
Conc: 5.23 ng/ml



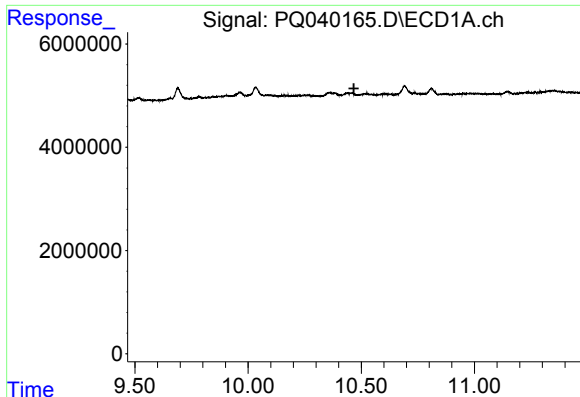
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

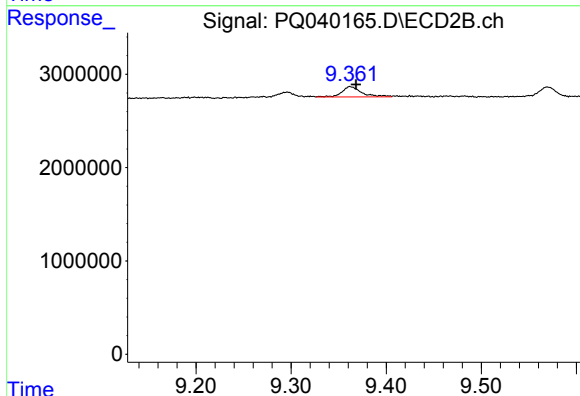
R.T.: 9.296 min
Delta R.T.: -0.004 min
Response: 622607
Conc: 2.96 ng/ml



#39 AR-1262-4

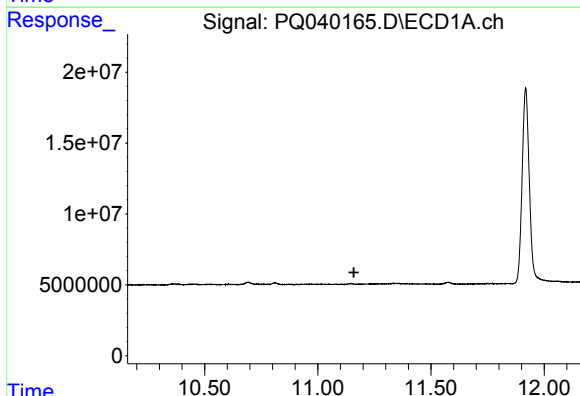
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



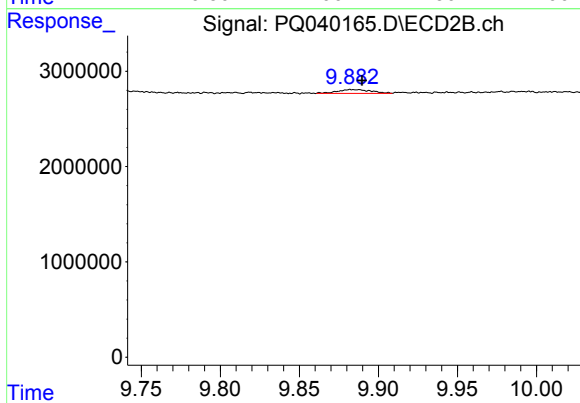
#39 AR-1262-4

R.T.: 9.362 min
Delta R.T.: -0.006 min
Response: 1628332
Conc: 4.30 ng/ml



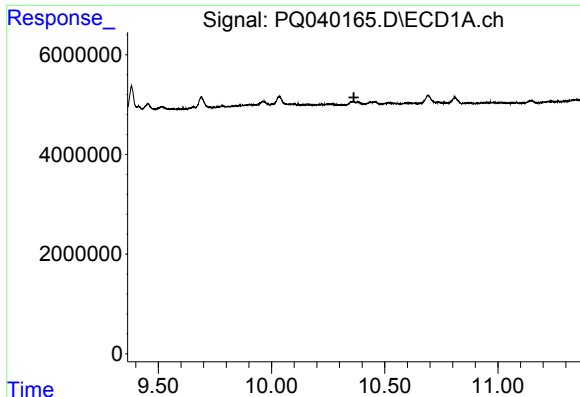
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

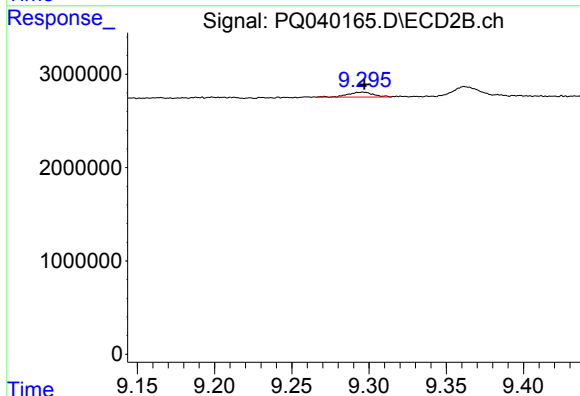
R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 594863
Conc: 3.67 ng/ml



#41 AR-1268-1

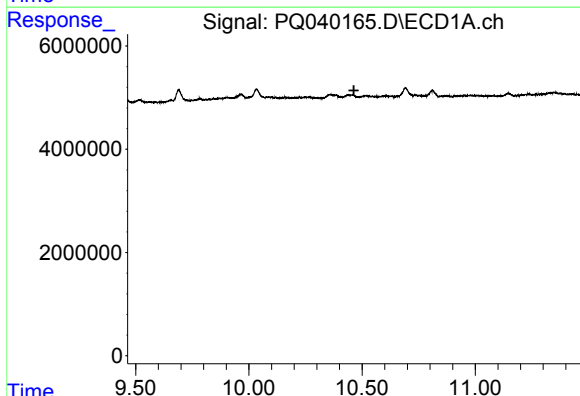
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



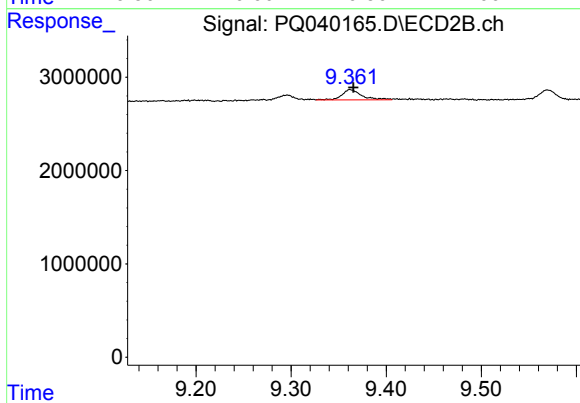
#41 AR-1268-1

R.T.: 9.296 min
Delta R.T.: -0.001 min
Response: 622607
Conc: 1.36 ng/ml



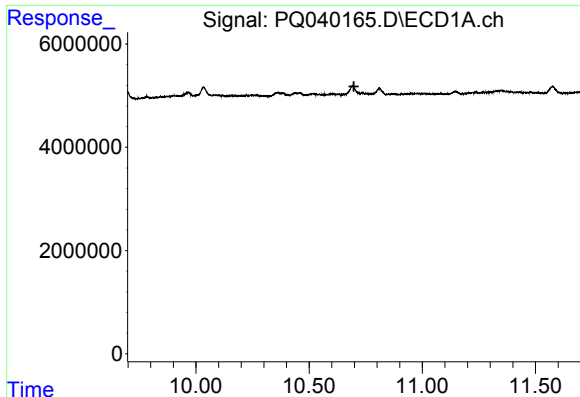
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

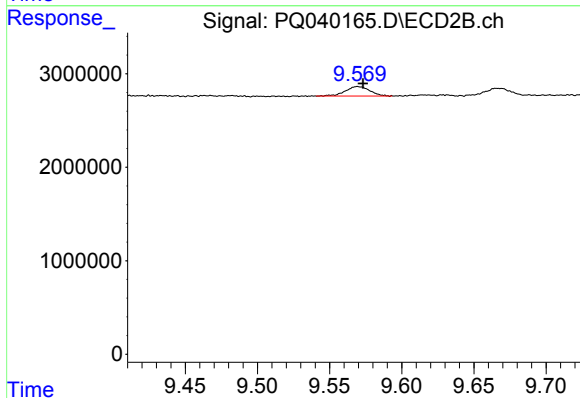
R.T.: 9.362 min
Delta R.T.: -0.004 min
Response: 1628332
Conc: 3.72 ng/ml



#43 AR-1268-3

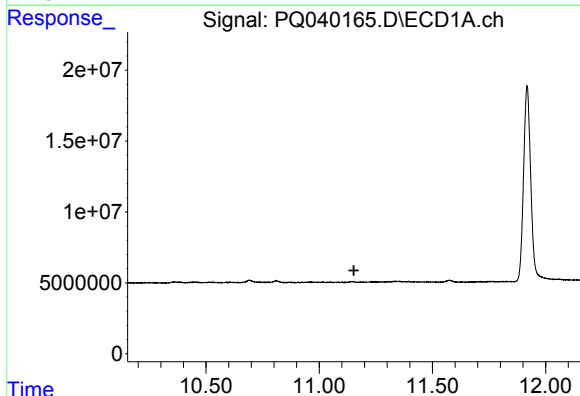
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



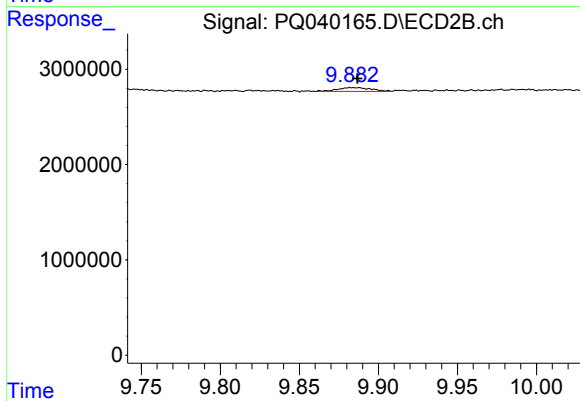
#43 AR-1268-3

R.T.: 9.570 min
Delta R.T.: -0.004 min
Response: 1191552
Conc: 3.17 ng/ml



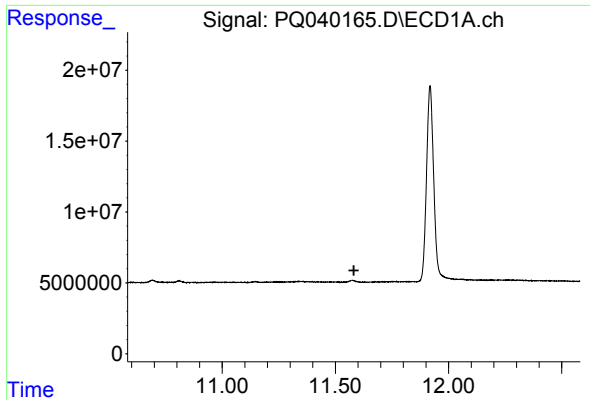
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

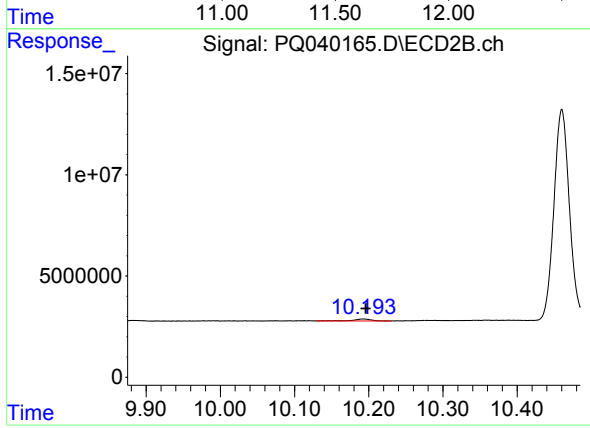
R.T.: 9.883 min
Delta R.T.: -0.004 min
Response: 594863
Conc: 4.32 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248334



#45 AR-1268-5

R.T.: 10.193 min
Delta R.T.: -0.003 min
Response: 1651653
Conc: 1.40 ng/ml