

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101518\
 Data File : PQ033204.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2018 08:51
 Operator : SM\SJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 147 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 04:49:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 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...	4.572	3.850	46390344	36621660	22.613	23.546
2)	SA Decachlor...	10.405	8.903	145.8E6	124.9E6	77.122	77.668
Target Compounds							
3)	L1 AR-1016-1	0.000	4.953	0	57894	N.D.	1.011 #
4)	L1 AR-1016-2	0.000	4.962	0	388005	N.D.	4.869 #
5)	L1 AR-1016-3	0.000	5.146	0	55793	N.D.	1.345 #
6)	L1 AR-1016-4	0.000	5.182	0	151208	N.D.	4.413 #
7)	L1 AR-1016-5	0.000	5.396	0	436112	N.D.	9.545 #
9)	L2 AR-1221-2	0.000	4.157	0	363515	N.D.	27.483 #
10)	L2 AR-1221-3	0.000	4.239	0	30578	N.D.	0.669 #
11)	L3 AR-1232-1	0.000	4.239	0	30578	N.D.	0.884 #
12)	L3 AR-1232-2	0.000	4.962	0	388005	N.D.	10.319 #
13)	L3 AR-1232-3	0.000	5.146	0	55793	N.D.	2.849 #
14)	L3 AR-1232-4	0.000	5.224	0	405753	N.D.	23.641 #
15)	L3 AR-1232-5	0.000	5.396	0	436112	N.D.	22.365 #
16)	L4 AR-1242-1	0.000	4.953	0	57894	N.D.	1.190 #
17)	L4 AR-1242-2	0.000	4.962	0	388005	N.D.	5.748 #
18)	L4 AR-1242-3	0.000	5.146	0	55793	N.D.	1.523 #
19)	L4 AR-1242-4	0.000	5.224	0	405753	N.D.	11.016 #
20)	L4 AR-1242-5	0.000	5.748	0	840863	N.D.	17.504 #
21)	L5 AR-1248-1	0.000	4.953	0	57894	N.D.	1.413 #
22)	L5 AR-1248-2	0.000	5.182	0	151208	N.D.	2.752 #
23)	L5 AR-1248-3	0.000	5.224	0	405753	N.D.	7.245 #
24)	L5 AR-1248-4	0.000	5.396	0	436112	N.D.	6.323 #
25)	L5 AR-1248-5	0.000	5.788	0	556527	N.D.	8.051 #
26)	L6 AR-1254-1	0.000	5.748	0	840863	N.D.	7.464 #
27)	L6 AR-1254-2	0.000	5.893	0	88113	N.D.	0.892 #
28)	L6 AR-1254-3	0.000	6.316	0	311067	N.D.	1.872 #
29)	L6 AR-1254-4	0.000	6.544	0	55242	N.D.	0.519 #
30)	L6 AR-1254-5	7.969	6.952	22685439	77561	171.368	0.528 #
31)	L7 AR-1260-1	0.000	6.426	0	128186	N.D.	1.365 #
32)	L7 AR-1260-2	0.000	6.613	0	727819	N.D.	6.247 #
33)	L7 AR-1260-3	7.969	6.776	22685439	1763517	291.244	16.353 #
34)	L7 AR-1260-4	8.220	7.236	30203527	27772642	298.373	361.297
35)	L7 AR-1260-5	8.531	7.480	13464766	13478026	71.307	70.155
36)	L8 AR-1262-1	7.969	6.980	22685439	21568687	168.304	167.832
37)	L8 AR-1262-2	8.531	7.480	13464766	13478026	54.452	56.267
38)	L8 AR-1262-3	8.851	7.764	127.9E6	125.9E6	773.140	1351.646 #
39)	L8 AR-1262-4	8.949	7.829	117.4E6	114.0E6	1722.908	654.844 #
40)	L8 AR-1262-5	9.628	8.333	43754001	35654571	500.100	441.843
41)	L9 AR-1268-1	8.851	7.764	127.9E6	125.9E6	348.723	368.256
42)	L9 AR-1268-2	8.949	7.829	117.4E6	114.0E6	352.310	368.921

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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
43) L9	AR-1268-3	9.183	8.035	96709896	94077797	343.160	367.728
44) L9	AR-1268-4	9.628	8.333	43754001	35654571	362.145	323.227
45) L9	AR-1268-5	10.056	8.637	325.8E6	306.3E6	352.388	366.212

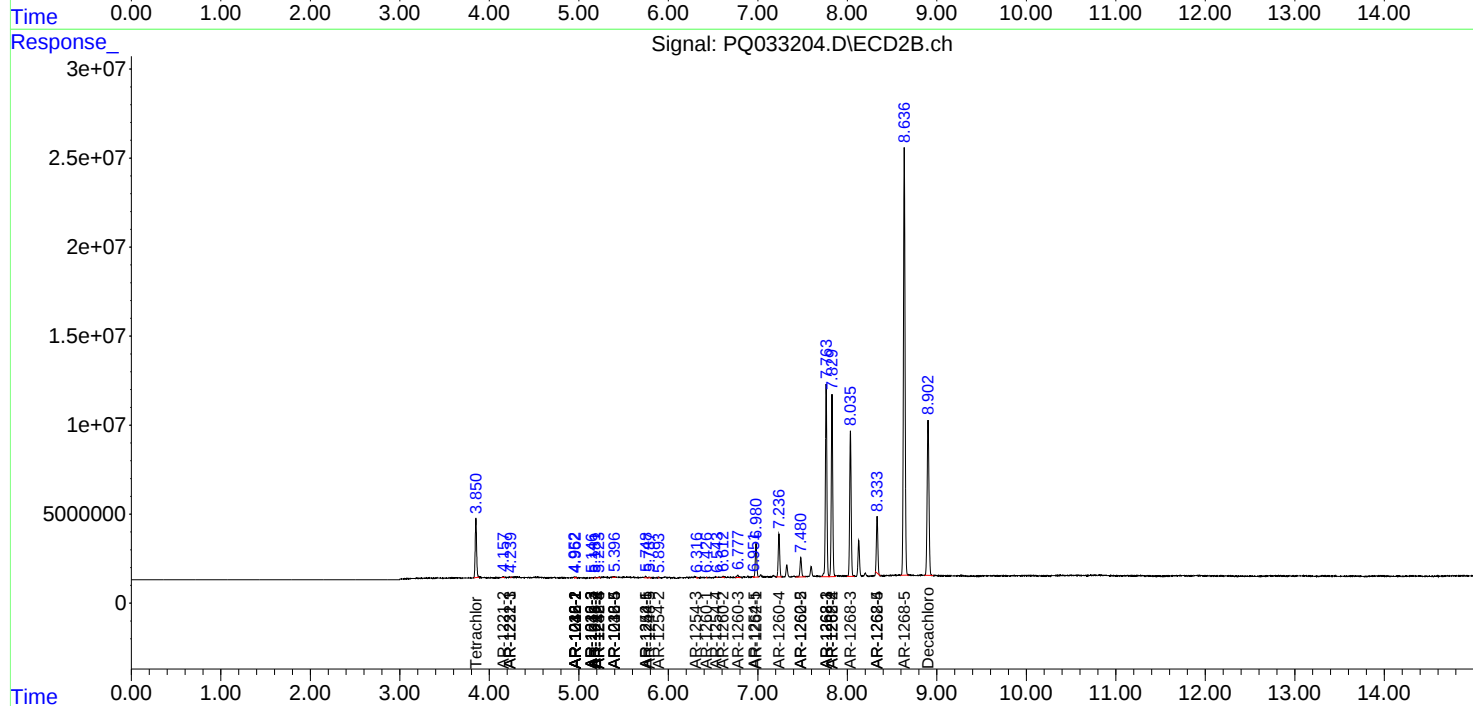
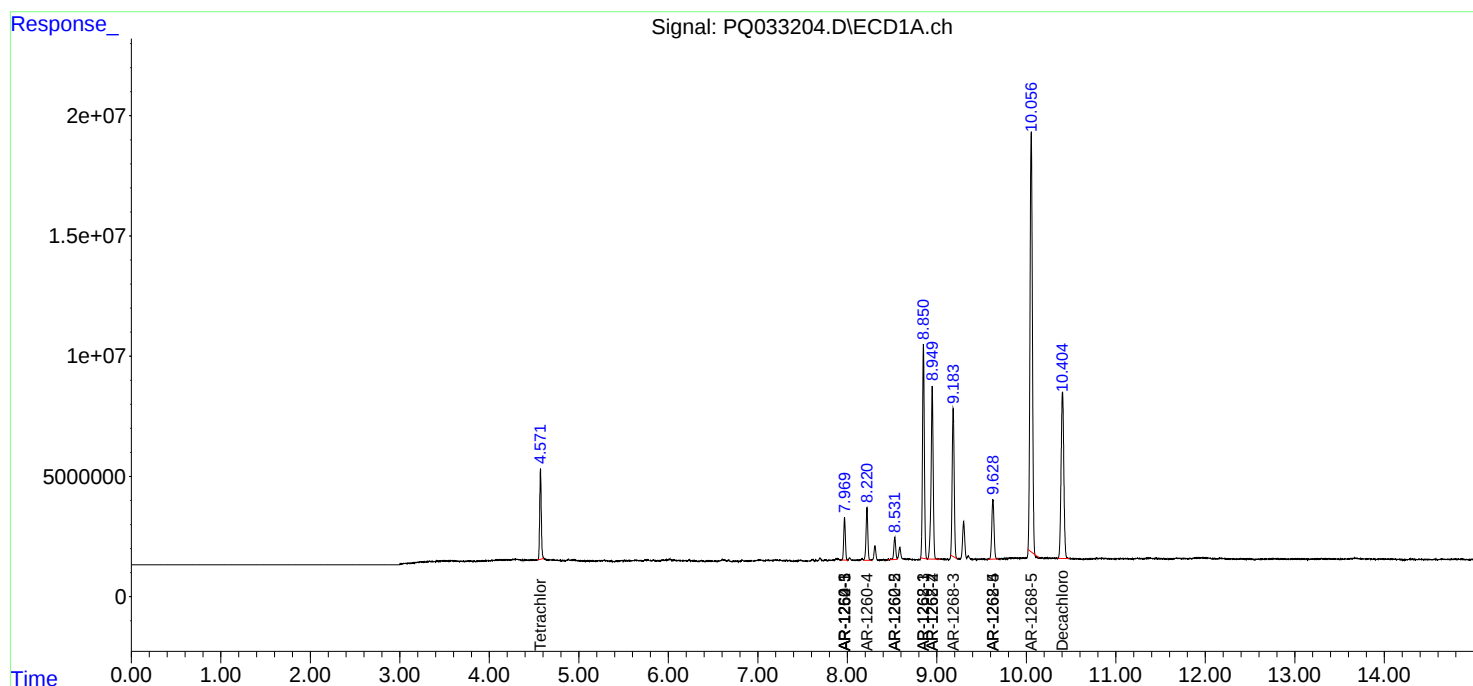
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

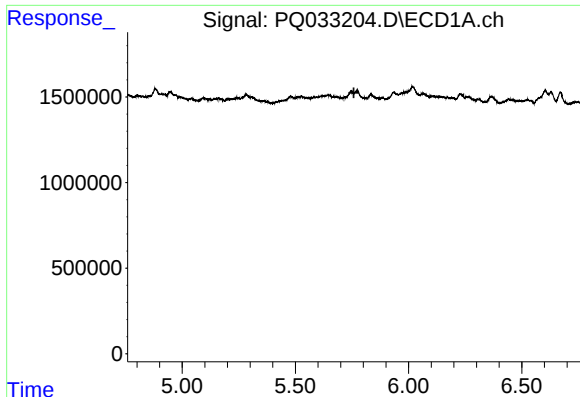
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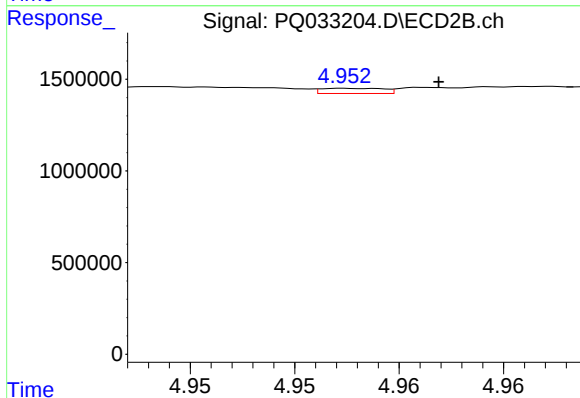




#3 AR-1016-1

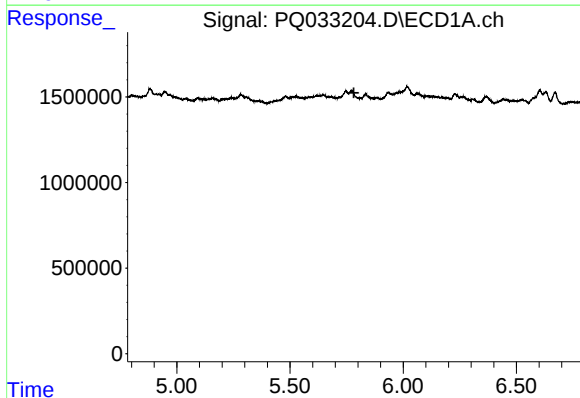
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



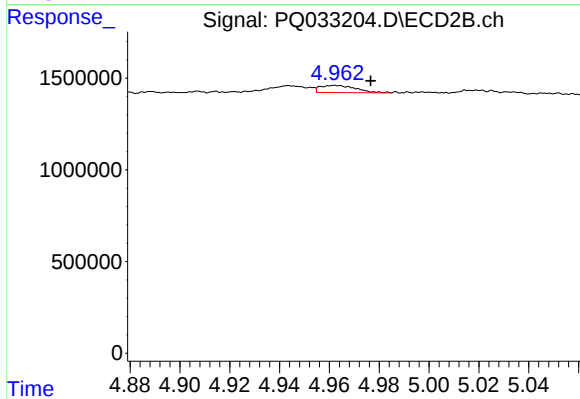
#3 AR-1016-1

R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 57894
Conc: 1.01 ng/ml



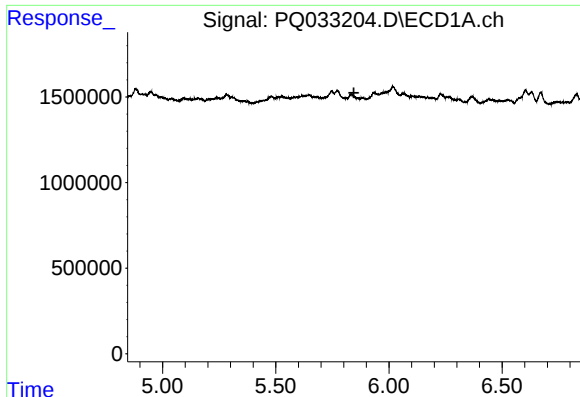
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.782 min
Response: 0
Conc: N.D.



#4 AR-1016-2

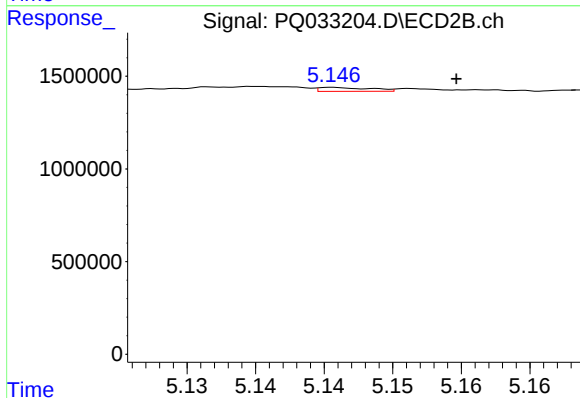
R.T.: 4.962 min
Delta R.T.: -0.014 min
Response: 388005
Conc: 4.87 ng/ml



#5 AR-1016-3

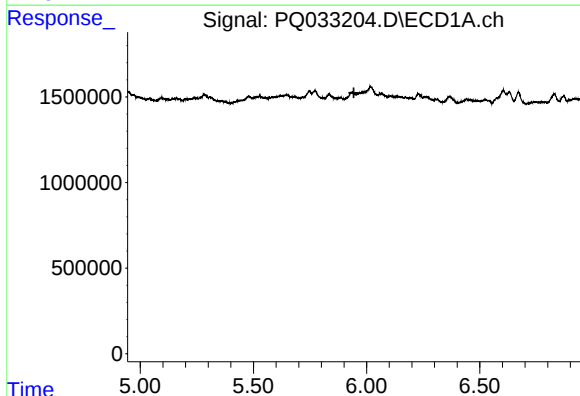
R.T.: 0.000 min
Exp R.T.: 5.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



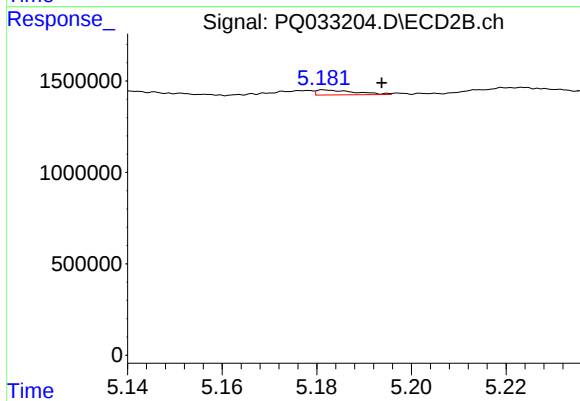
#5 AR-1016-3

R.T.: 5.146 min
Delta R.T.: -0.009 min
Response: 55793
Conc: 1.35 ng/ml



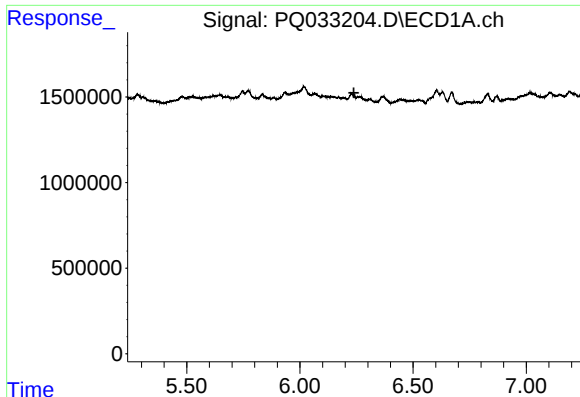
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.



#6 AR-1016-4

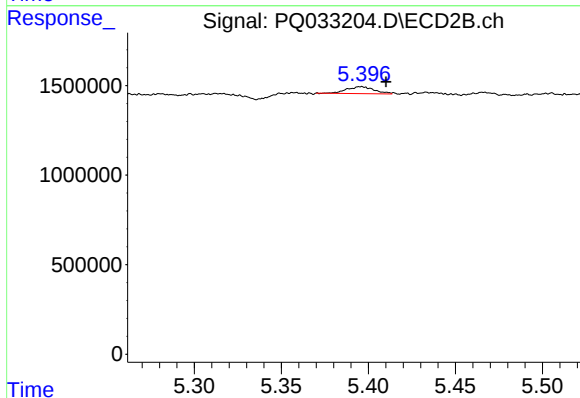
R.T.: 5.182 min
Delta R.T.: -0.012 min
Response: 151208
Conc: 4.41 ng/ml



#7 AR-1016-5

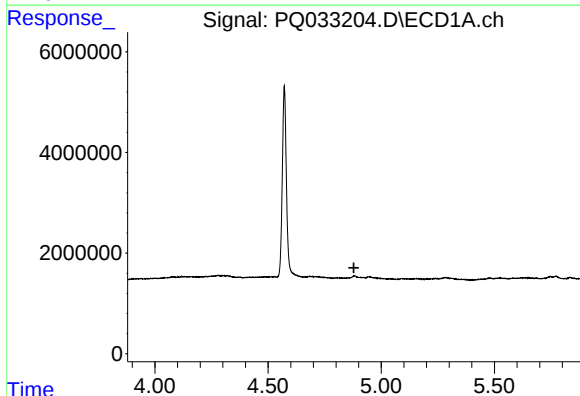
R.T.: 0.000 min
Exp R.T.: 6.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



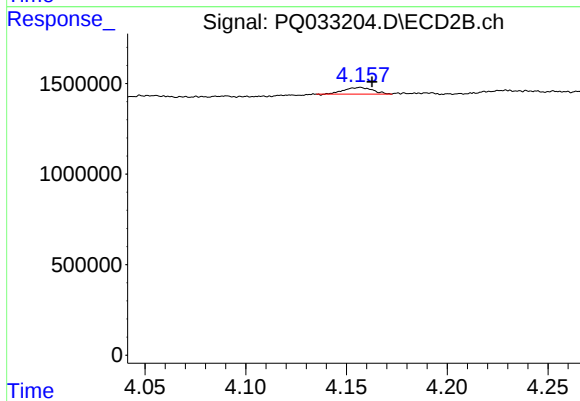
#7 AR-1016-5

R.T.: 5.396 min
Delta R.T.: -0.014 min
Response: 436112
Conc: 9.54 ng/ml



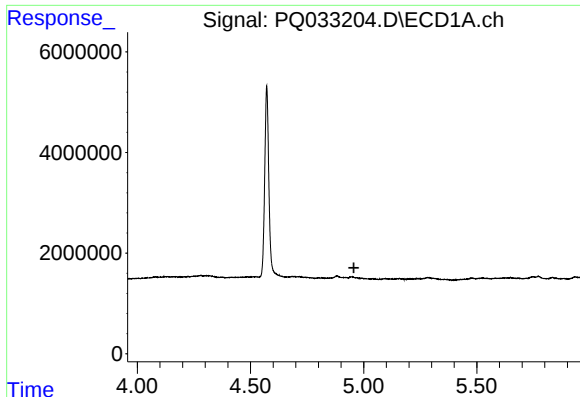
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.879 min
Response: 0
Conc: N.D.



#9 AR-1221-2

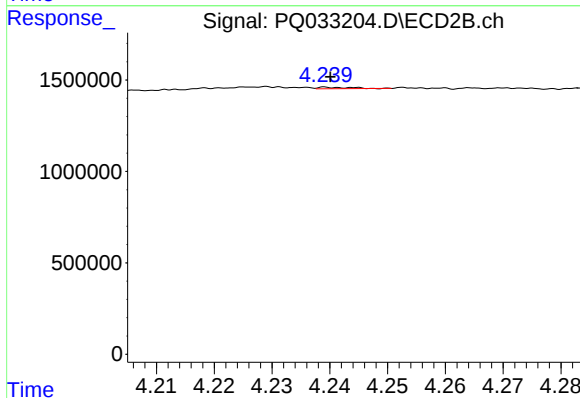
R.T.: 4.157 min
Delta R.T.: -0.006 min
Response: 363515
Conc: 27.48 ng/ml



#10 AR-1221-3

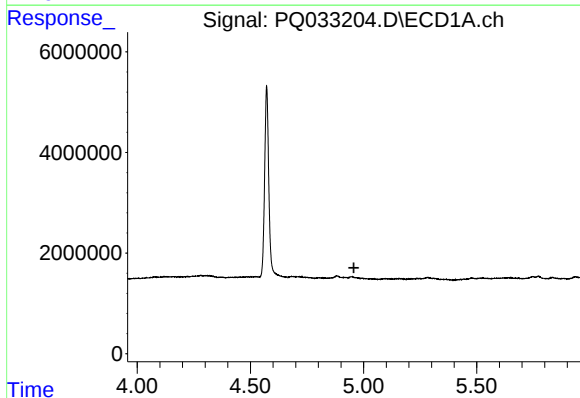
R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



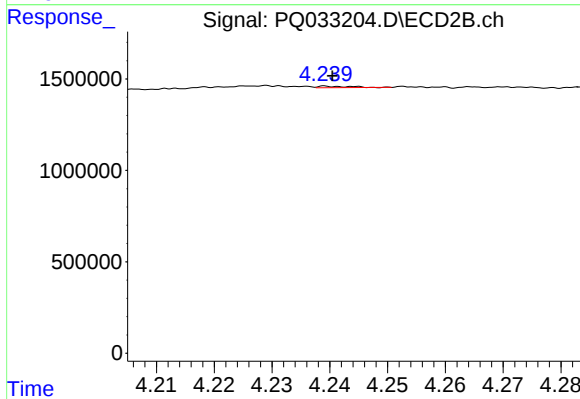
#10 AR-1221-3

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 30578
Conc: 0.67 ng/ml



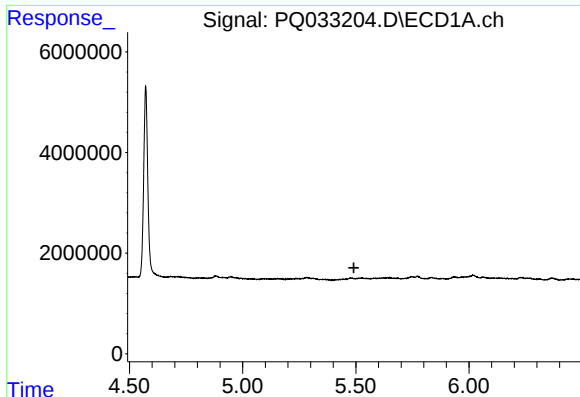
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.



#11 AR-1232-1

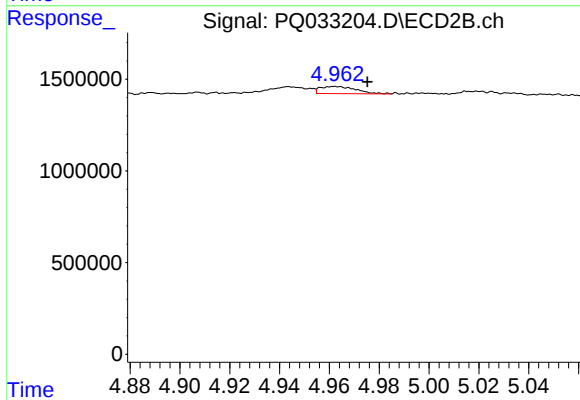
R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 30578
Conc: 0.88 ng/ml



#12 AR-1232-2

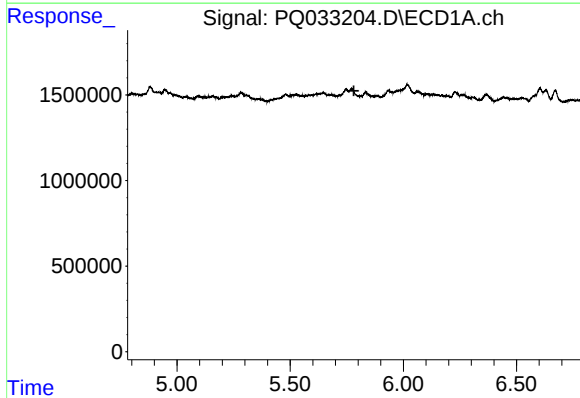
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



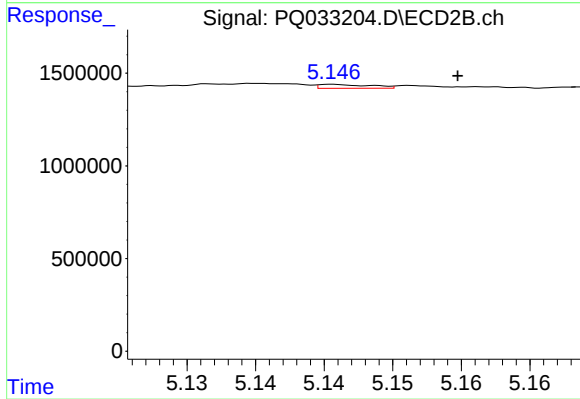
#12 AR-1232-2

R.T.: 4.962 min
Delta R.T.: -0.013 min
Response: 388005
Conc: 10.32 ng/ml



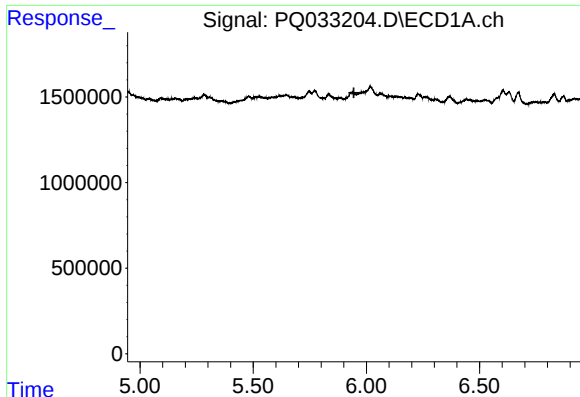
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.782 min
Response: 0
Conc: N.D.



#13 AR-1232-3

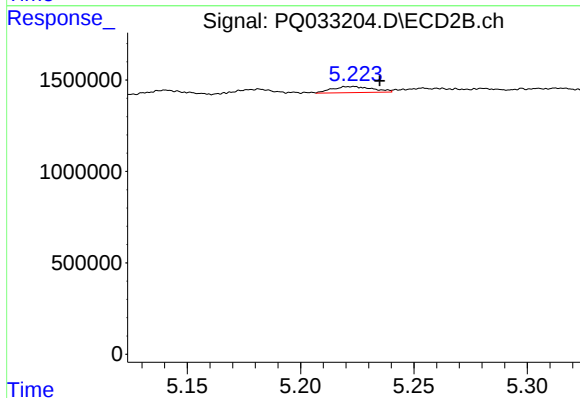
R.T.: 5.146 min
Delta R.T.: -0.009 min
Response: 55793
Conc: 2.85 ng/ml



#14 AR-1232-4

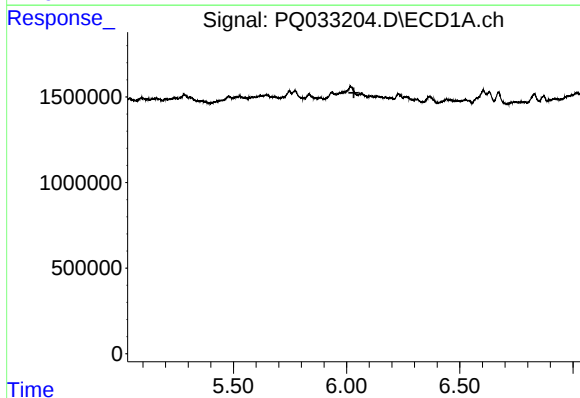
R.T.: 0.000 min
Exp R.T.: 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



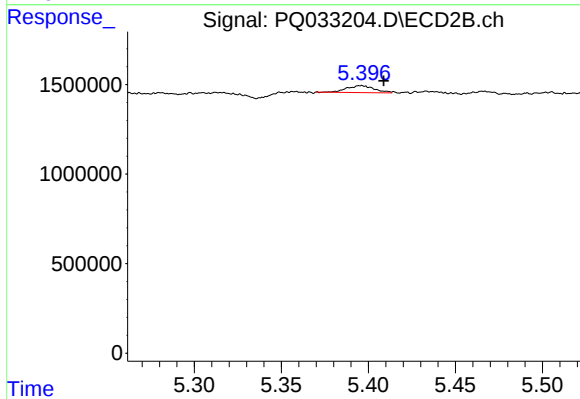
#14 AR-1232-4

R.T.: 5.224 min
Delta R.T.: -0.011 min
Response: 405753
Conc: 23.64 ng/ml



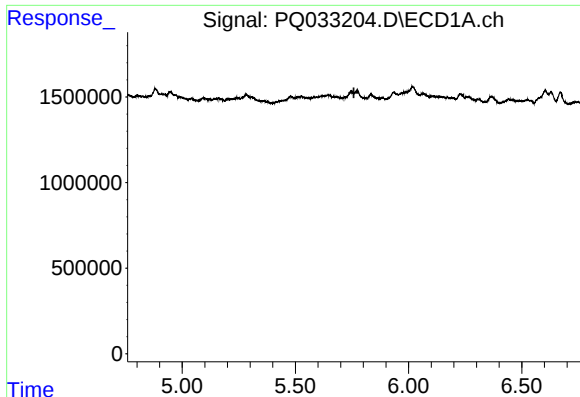
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.032 min
Response: 0
Conc: N.D.



#15 AR-1232-5

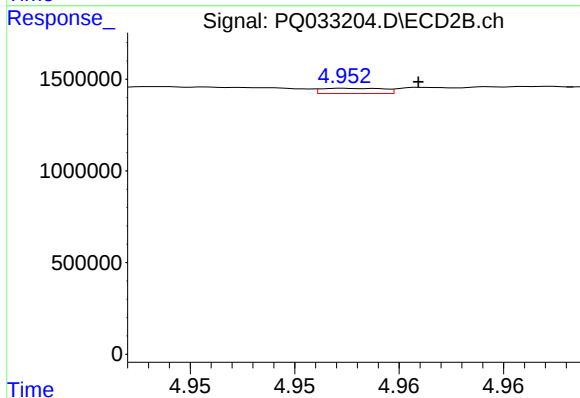
R.T.: 5.396 min
Delta R.T.: -0.012 min
Response: 436112
Conc: 22.36 ng/ml



#16 AR-1242-1

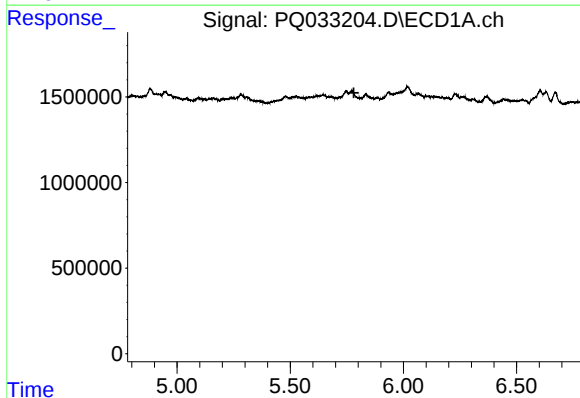
R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



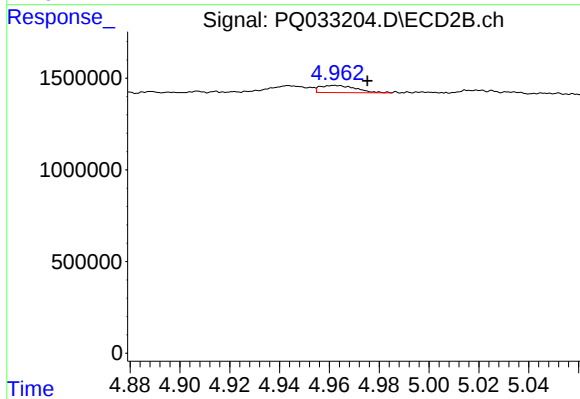
#16 AR-1242-1

R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 57894
Conc: 1.19 ng/ml



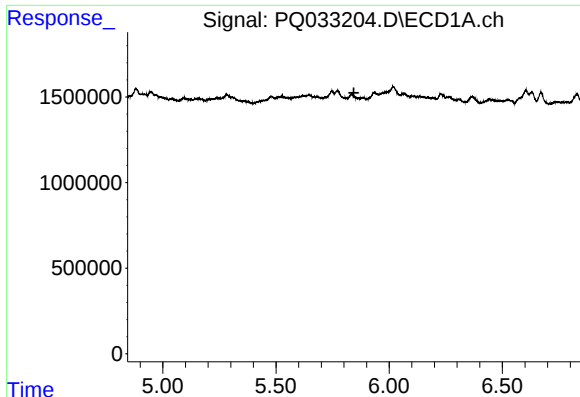
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.781 min
Response: 0
Conc: N.D.



#17 AR-1242-2

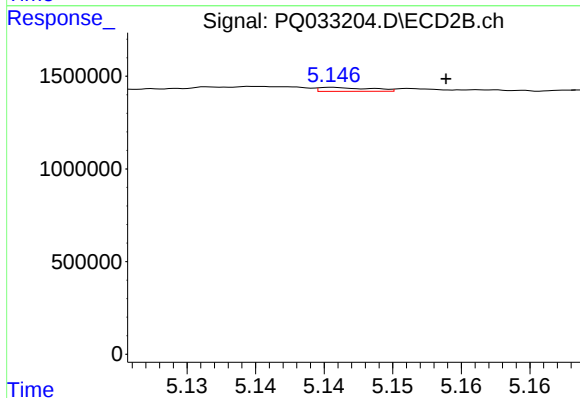
R.T.: 4.962 min
Delta R.T.: -0.013 min
Response: 388005
Conc: 5.75 ng/ml



#18 AR-1242-3

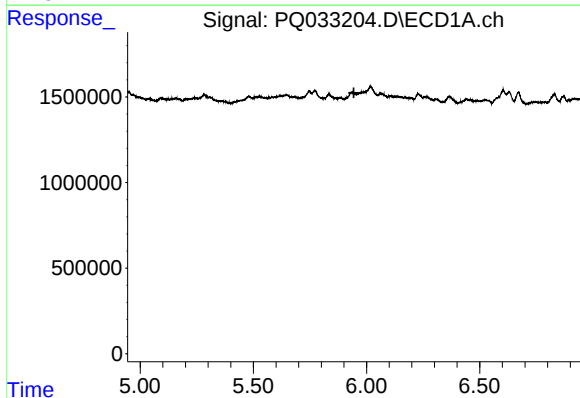
R.T.: 0.000 min
Exp R.T.: 5.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



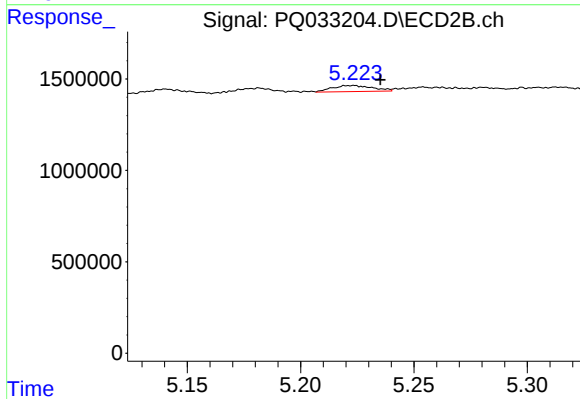
#18 AR-1242-3

R.T.: 5.146 min
Delta R.T.: -0.008 min
Response: 55793
Conc: 1.52 ng/ml



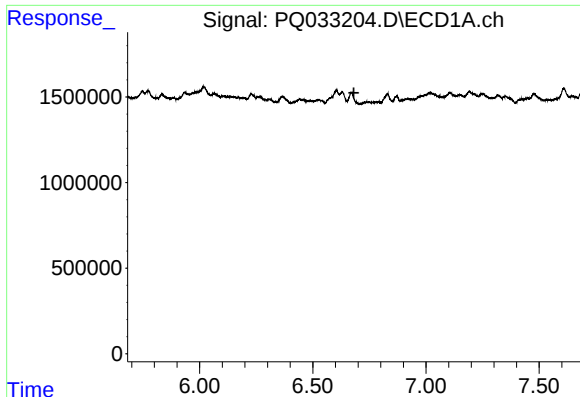
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.



#19 AR-1242-4

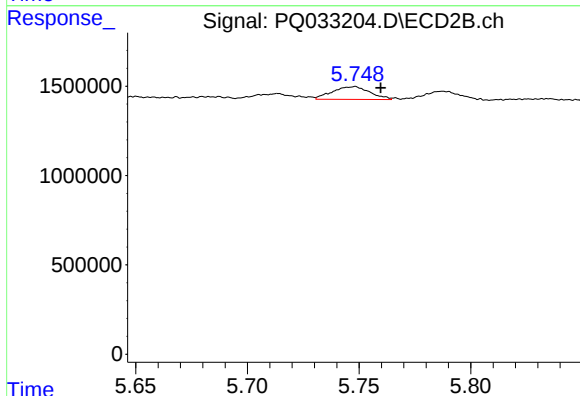
R.T.: 5.224 min
Delta R.T.: -0.012 min
Response: 405753
Conc: 11.02 ng/ml



#20 AR-1242-5

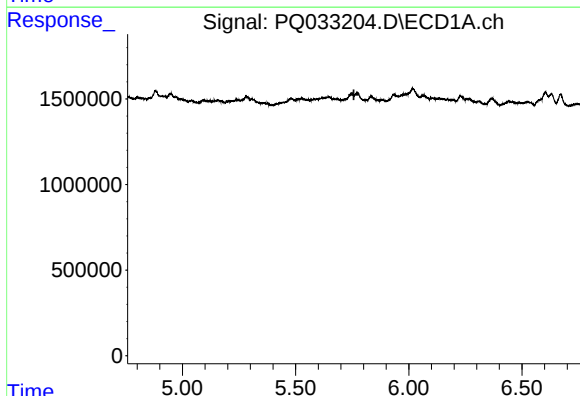
R.T.: 0.000 min
Exp R.T.: 6.682 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



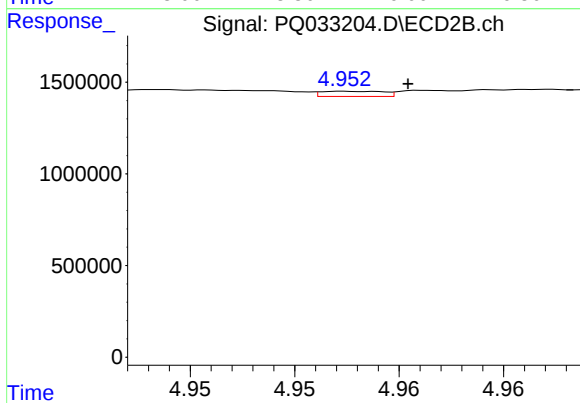
#20 AR-1242-5

R.T.: 5.748 min
Delta R.T.: -0.011 min
Response: 840863
Conc: 17.50 ng/ml



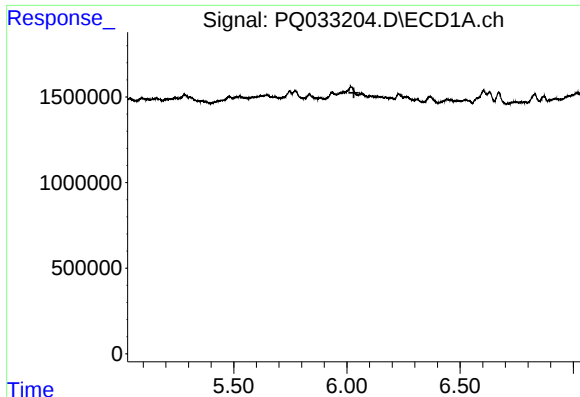
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.



#21 AR-1248-1

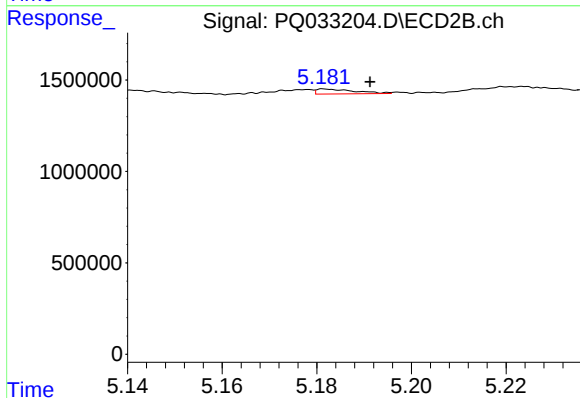
R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 57894
Conc: 1.41 ng/ml



#22 AR-1248-2

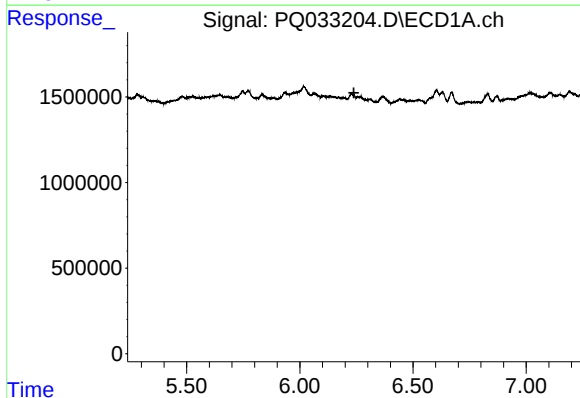
R.T.: 0.000 min
Exp R.T.: 6.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



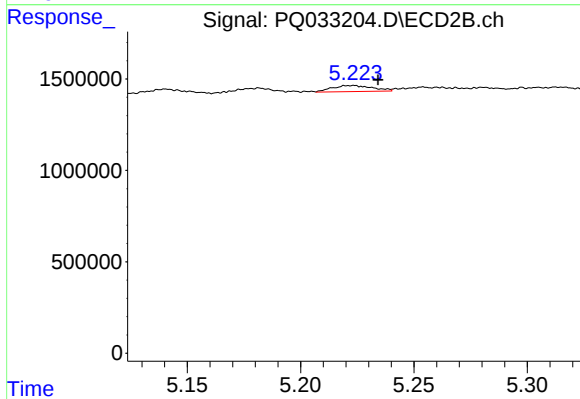
#22 AR-1248-2

R.T.: 5.182 min
Delta R.T.: -0.010 min
Response: 151208
Conc: 2.75 ng/ml



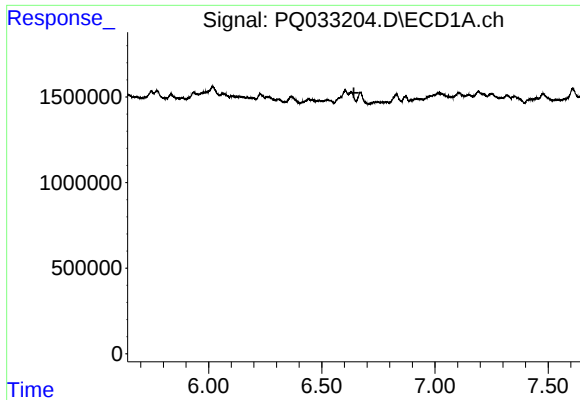
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.239 min
Response: 0
Conc: N.D.



#23 AR-1248-3

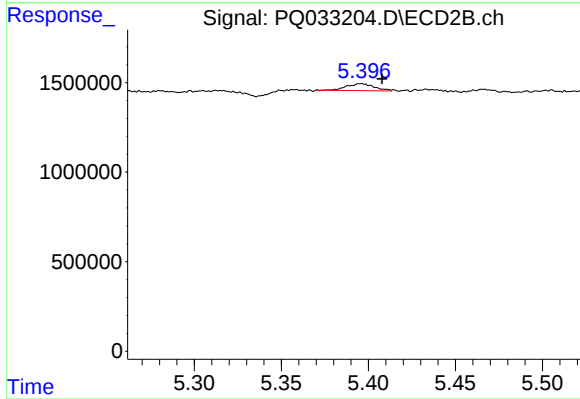
R.T.: 5.224 min
Delta R.T.: -0.011 min
Response: 405753
Conc: 7.25 ng/ml



#24 AR-1248-4

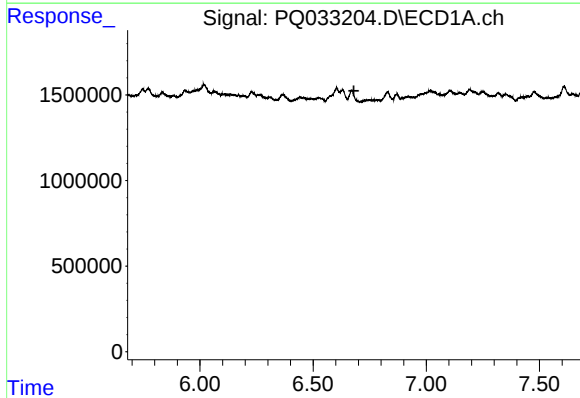
R.T.: 0.000 min
Exp R.T.: 6.642 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



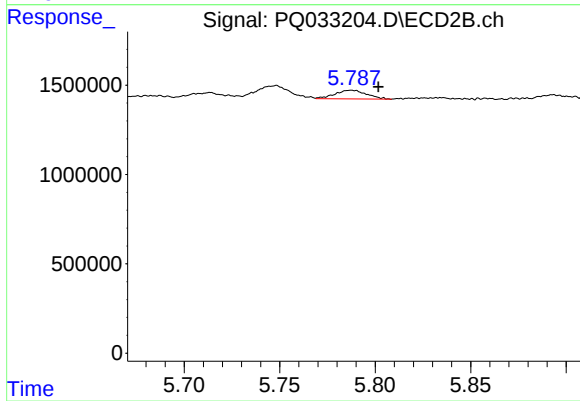
#24 AR-1248-4

R.T.: 5.396 min
Delta R.T.: -0.011 min
Response: 436112
Conc: 6.32 ng/ml



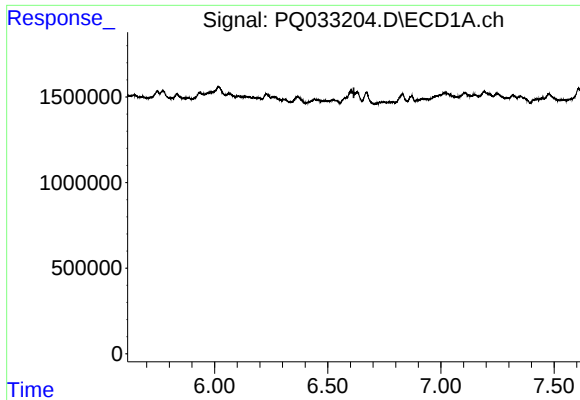
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.680 min
Response: 0
Conc: N.D.



#25 AR-1248-5

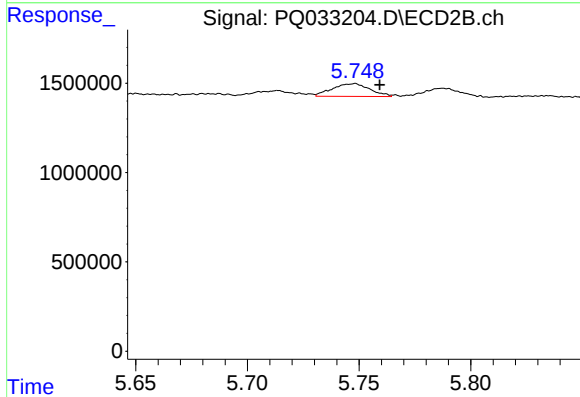
R.T.: 5.788 min
Delta R.T.: -0.014 min
Response: 556527
Conc: 8.05 ng/ml



#26 AR-1254-1

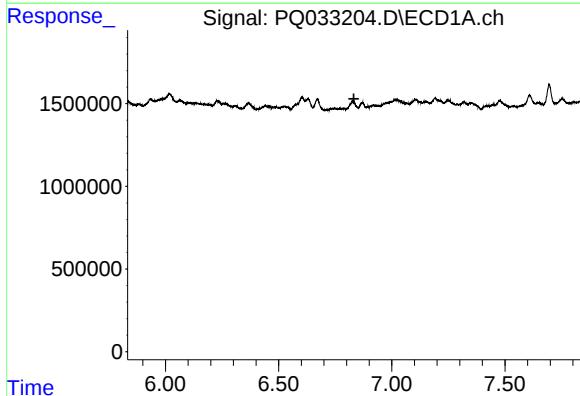
R.T.: 0.000 min
Exp R.T.: 6.615 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



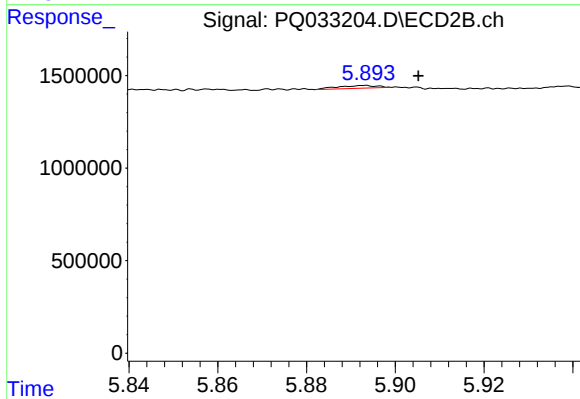
#26 AR-1254-1

R.T.: 5.748 min
Delta R.T.: -0.011 min
Response: 840863
Conc: 7.46 ng/ml



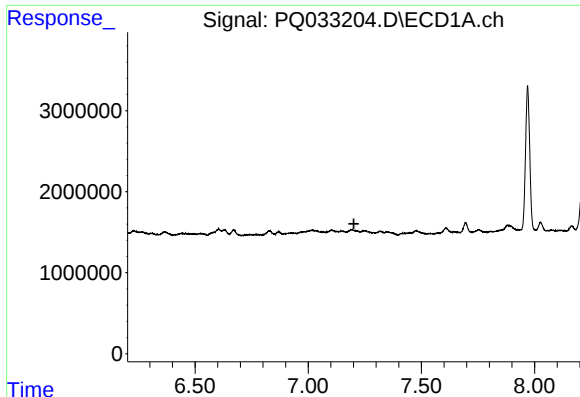
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.833 min
Response: 0
Conc: N.D.



#27 AR-1254-2

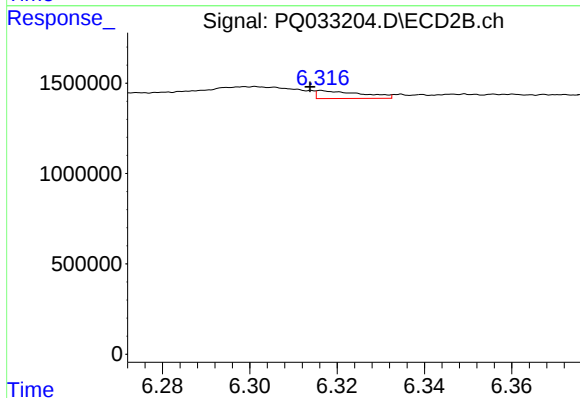
R.T.: 5.893 min
Delta R.T.: -0.012 min
Response: 88113
Conc: 0.89 ng/ml



#28 AR-1254-3

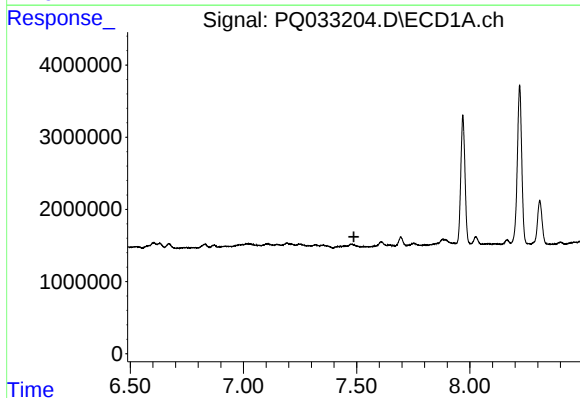
R.T.: 0.000 min
Exp R.T. : 7.202 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



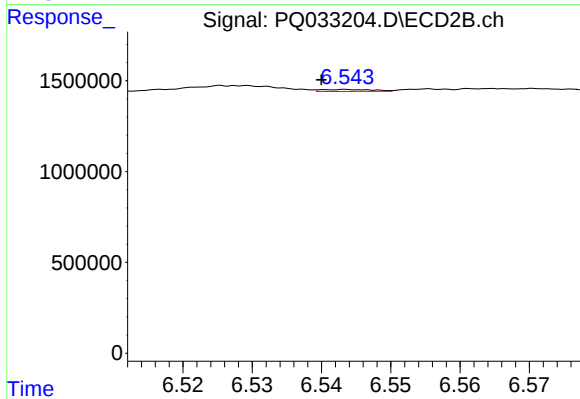
#28 AR-1254-3

R.T.: 6.316 min
Delta R.T.: 0.003 min
Response: 311067
Conc: 1.87 ng/ml



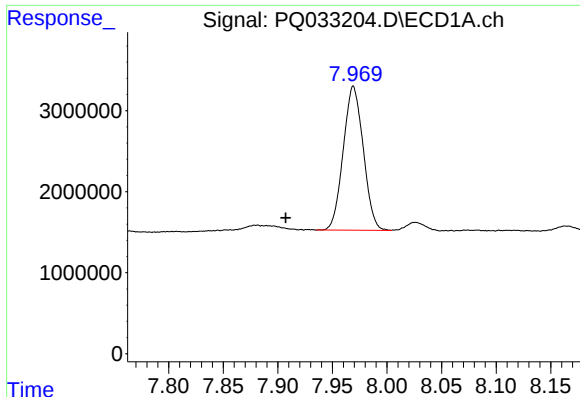
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.488 min
Response: 0
Conc: N.D.



#29 AR-1254-4

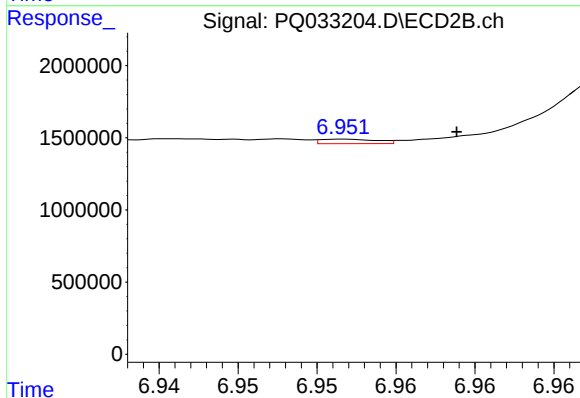
R.T.: 6.544 min
Delta R.T.: 0.004 min
Response: 55242
Conc: 0.52 ng/ml



#30 AR-1254-5

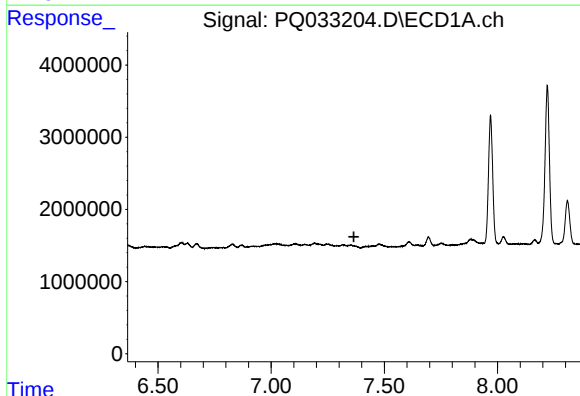
R.T.: 7.969 min
Delta R.T.: 0.062 min
Response: 22685439
Conc: 171.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



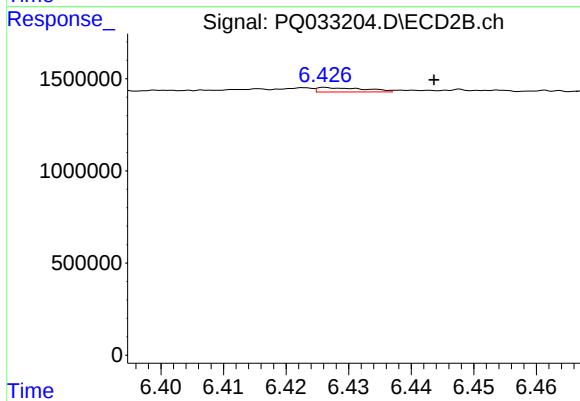
#30 AR-1254-5

R.T.: 6.952 min
Delta R.T.: -0.007 min
Response: 77561
Conc: 0.53 ng/ml



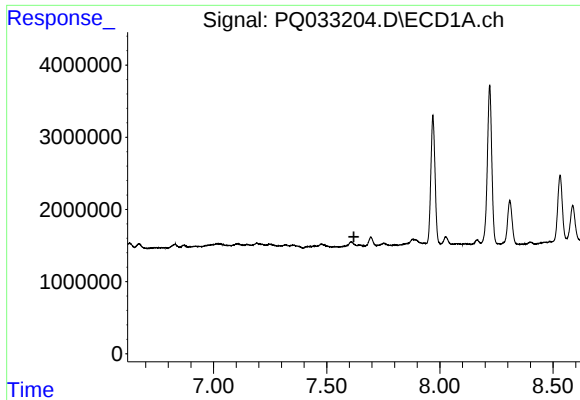
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.366 min
Response: 0
Conc: N.D.



#31 AR-1260-1

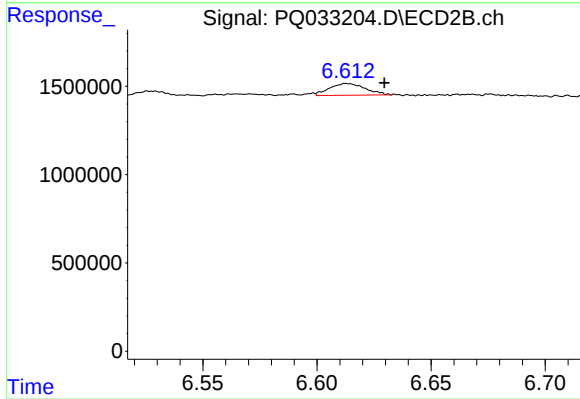
R.T.: 6.426 min
Delta R.T.: -0.017 min
Response: 128186
Conc: 1.36 ng/ml



#32 AR-1260-2

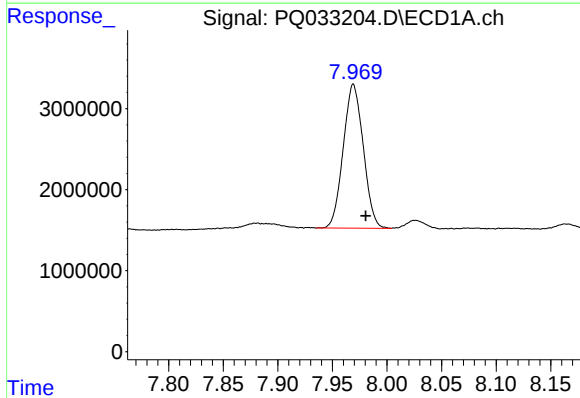
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



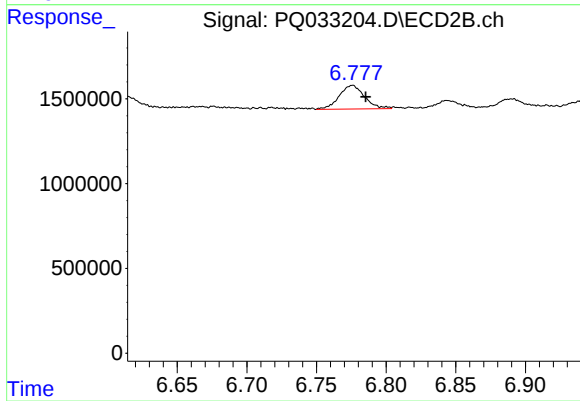
#32 AR-1260-2

R.T.: 6.613 min
Delta R.T.: -0.017 min
Response: 727819
Conc: 6.25 ng/ml



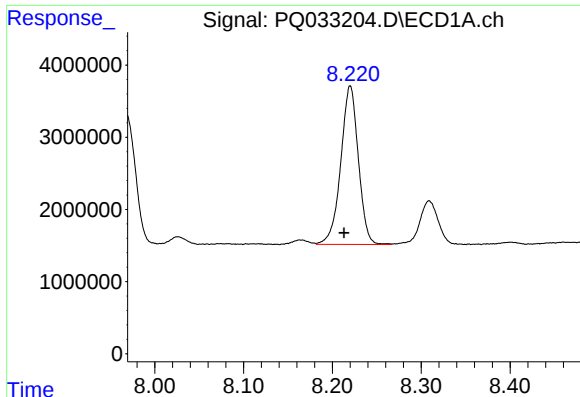
#33 AR-1260-3

R.T.: 7.969 min
Delta R.T.: -0.011 min
Response: 22685439
Conc: 291.24 ng/ml



#33 AR-1260-3

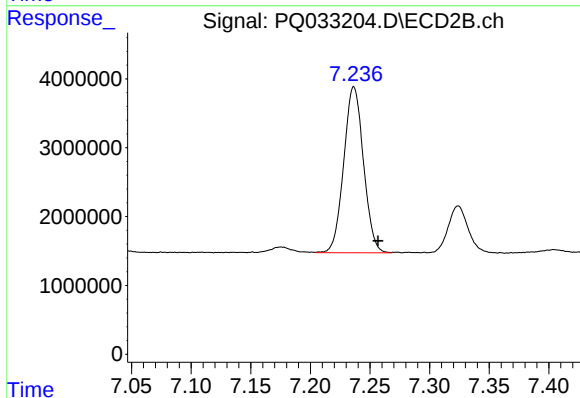
R.T.: 6.776 min
Delta R.T.: -0.009 min
Response: 1763517
Conc: 16.35 ng/ml



#34 AR-1260-4

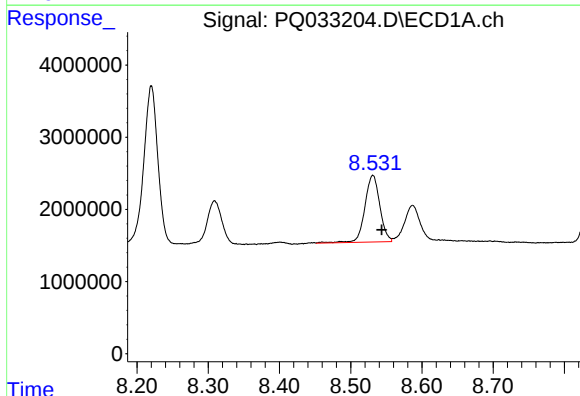
R.T.: 8.220 min
Delta R.T.: 0.007 min
Response: 30203527
Conc: 298.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



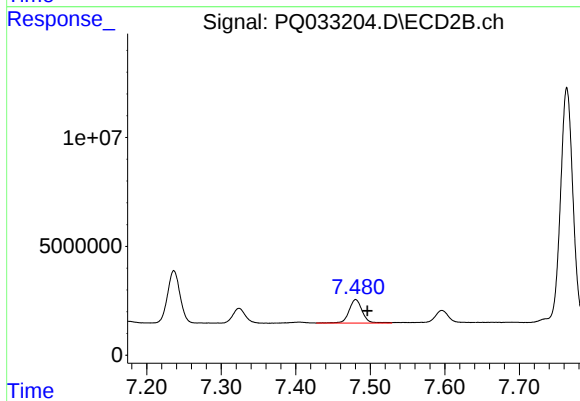
#34 AR-1260-4

R.T.: 7.236 min
Delta R.T.: -0.020 min
Response: 27772642
Conc: 361.30 ng/ml



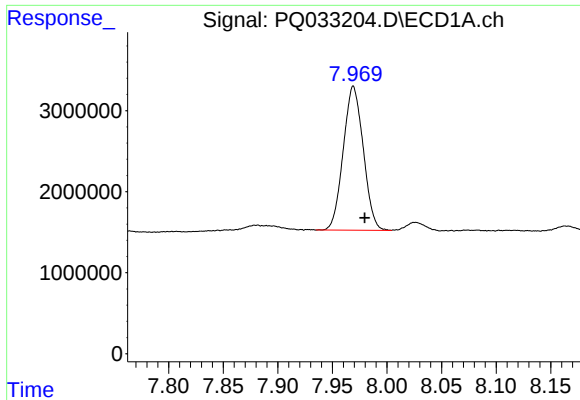
#35 AR-1260-5

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 13464766
Conc: 71.31 ng/ml



#35 AR-1260-5

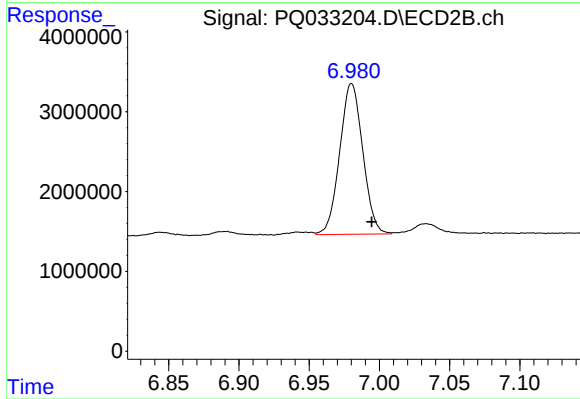
R.T.: 7.480 min
Delta R.T.: -0.016 min
Response: 13478026
Conc: 70.15 ng/ml



#36 AR-1262-1

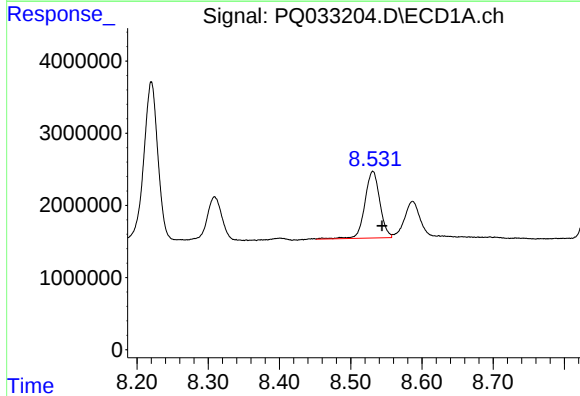
R.T.: 7.969 min
Delta R.T.: -0.011 min
Response: 22685439
Conc: 168.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



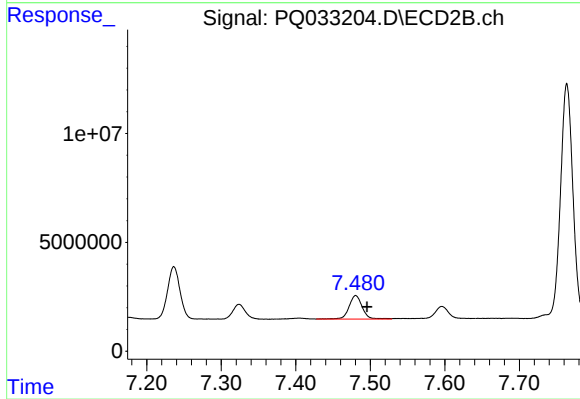
#36 AR-1262-1

R.T.: 6.980 min
Delta R.T.: -0.014 min
Response: 21568687
Conc: 167.83 ng/ml



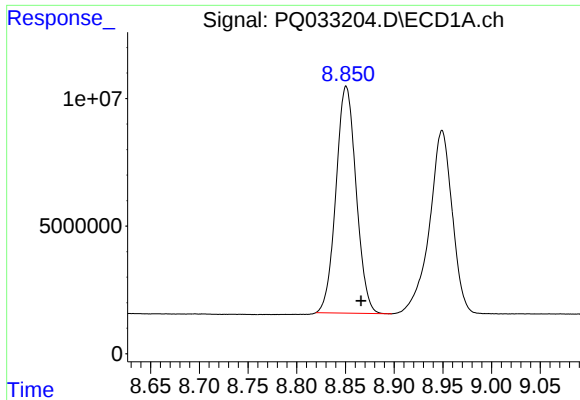
#37 AR-1262-2

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 13464766
Conc: 54.45 ng/ml



#37 AR-1262-2

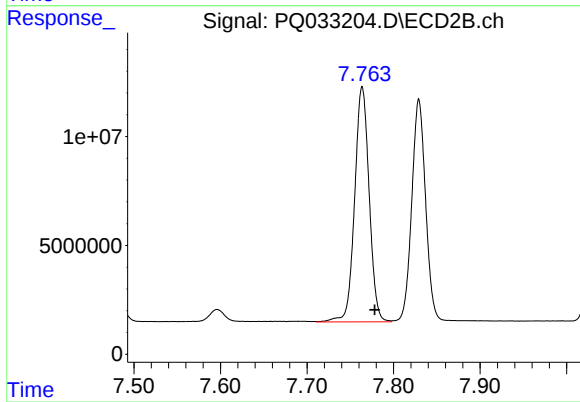
R.T.: 7.480 min
Delta R.T.: -0.015 min
Response: 13478026
Conc: 56.27 ng/ml



#38 AR-1262-3

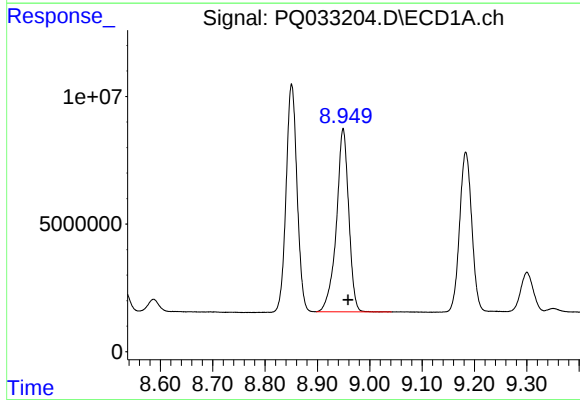
R.T.: 8.851 min
Delta R.T.: -0.015 min
Response: 127883766
Conc: 773.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



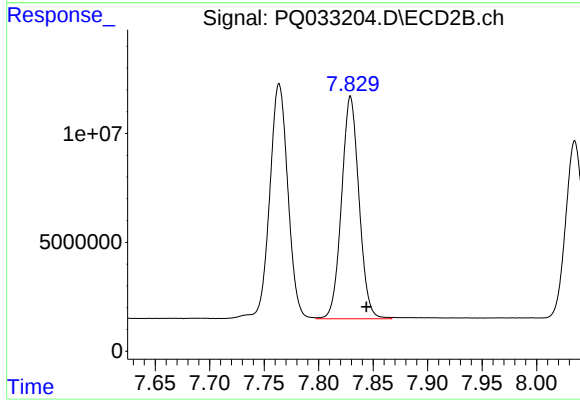
#38 AR-1262-3

R.T.: 7.764 min
Delta R.T.: -0.015 min
Response: 125903735
Conc: 1351.65 ng/ml



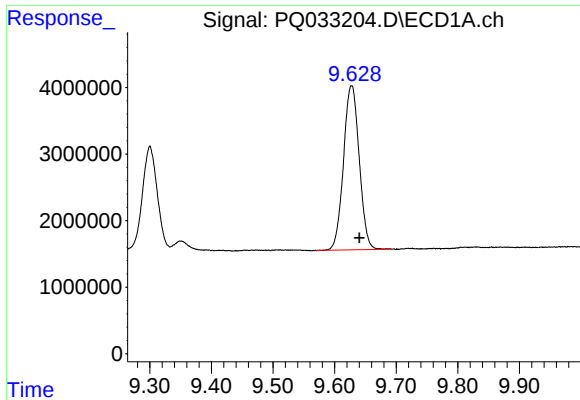
#39 AR-1262-4

R.T.: 8.949 min
Delta R.T.: -0.009 min
Response: 117418685
Conc: 1722.91 ng/ml



#39 AR-1262-4

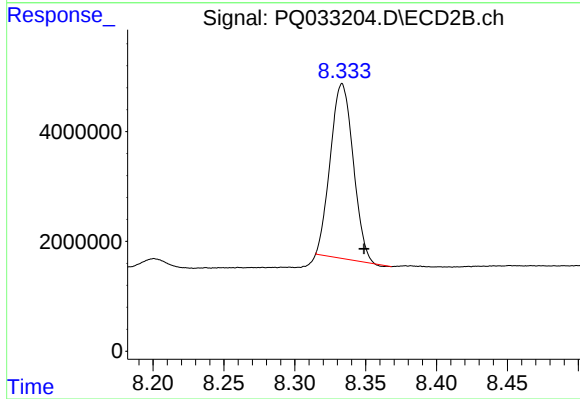
R.T.: 7.829 min
Delta R.T.: -0.015 min
Response: 114004093
Conc: 654.84 ng/ml



#40 AR-1262-5

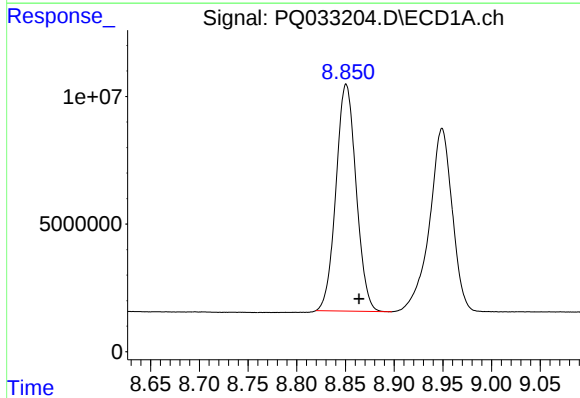
R.T.: 9.628 min
Delta R.T.: -0.013 min
Response: 43754001
Conc: 500.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



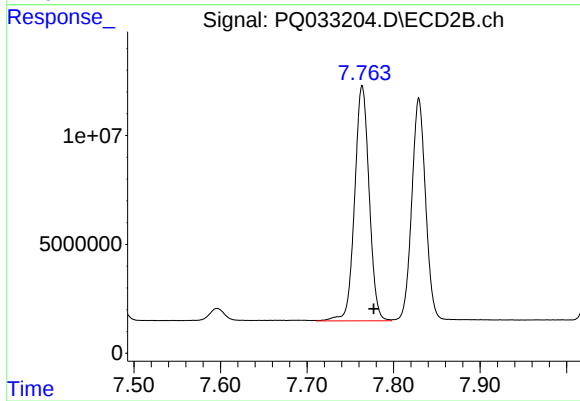
#40 AR-1262-5

R.T.: 8.333 min
Delta R.T.: -0.016 min
Response: 35654571
Conc: 441.84 ng/ml



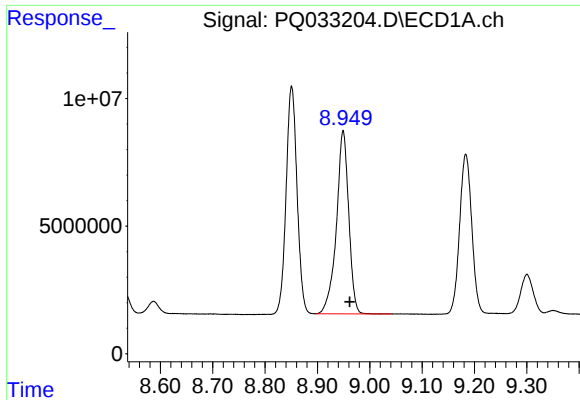
#41 AR-1268-1

R.T.: 8.851 min
Delta R.T.: -0.013 min
Response: 127883766
Conc: 348.72 ng/ml



#41 AR-1268-1

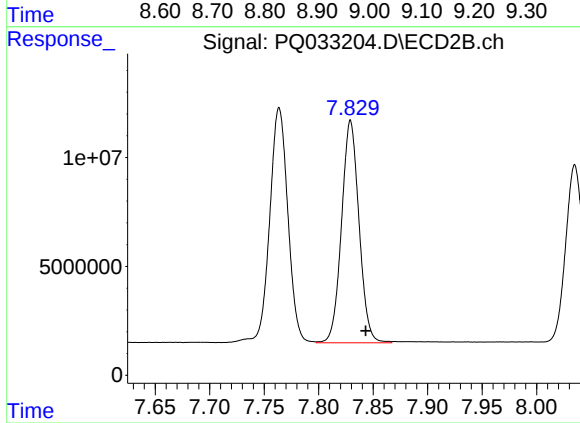
R.T.: 7.764 min
Delta R.T.: -0.013 min
Response: 125903735
Conc: 368.26 ng/ml



#42 AR-1268-2

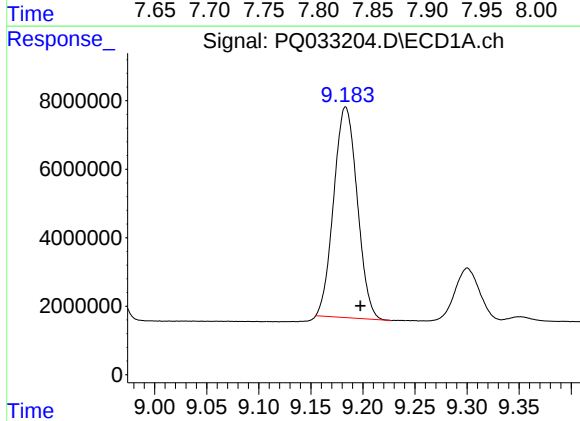
R.T.: 8.949 min
Delta R.T.: -0.013 min
Response: 117418685
Conc: 352.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



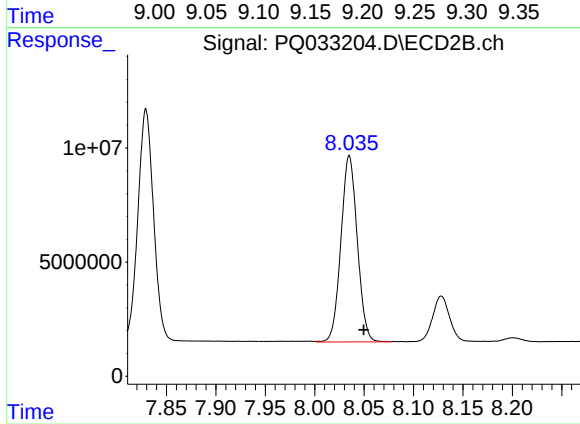
#42 AR-1268-2

R.T.: 7.829 min
Delta R.T.: -0.014 min
Response: 114004093
Conc: 368.92 ng/ml



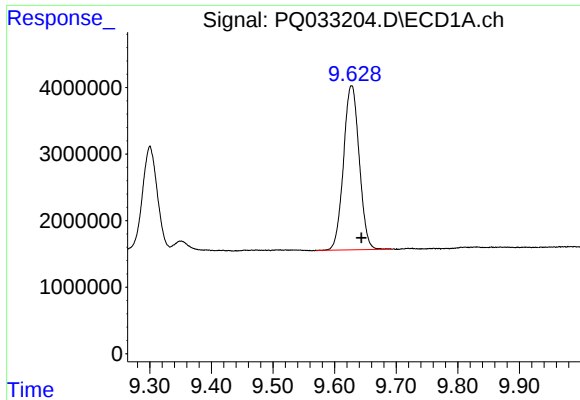
#43 AR-1268-3

R.T.: 9.183 min
Delta R.T.: -0.014 min
Response: 96709896
Conc: 343.16 ng/ml



#43 AR-1268-3

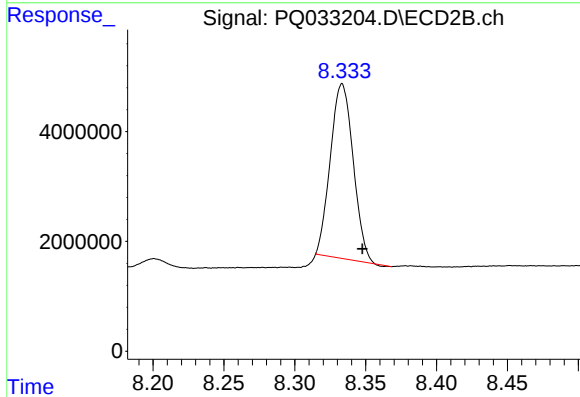
R.T.: 8.035 min
Delta R.T.: -0.014 min
Response: 94077797
Conc: 367.73 ng/ml



#44 AR-1268-4

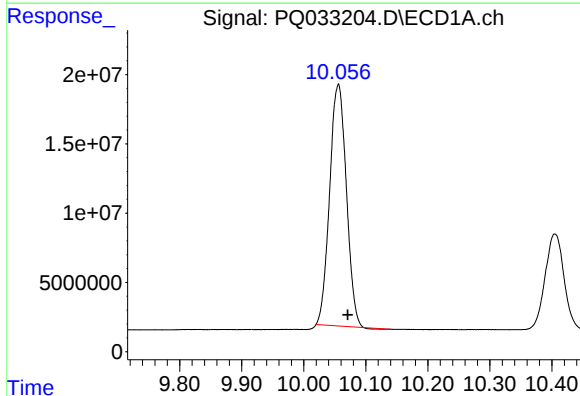
R.T.: 9.628 min
Delta R.T.: -0.016 min
Response: 43754001
Conc: 362.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



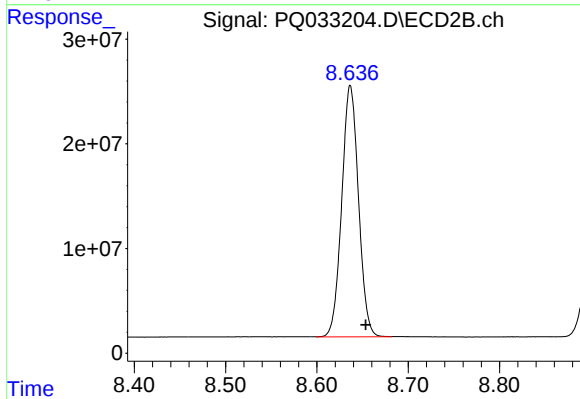
#44 AR-1268-4

R.T.: 8.333 min
Delta R.T.: -0.014 min
Response: 35654571
Conc: 323.23 ng/ml



#45 AR-1268-5

R.T.: 10.056 min
Delta R.T.: -0.015 min
Response: 325832594
Conc: 352.39 ng/ml



#45 AR-1268-5

R.T.: 8.637 min
Delta R.T.: -0.017 min
Response: 306305144
Conc: 366.21 ng/ml