

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
 Data File : PQ040358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 16:27
 Operator : SM\AJ
 Sample : K3078-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMW0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 03:37:34 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...	5.591	4.731	44284313	32926468	13.518	15.330
2)	SA Decachlor...	11.896	10.451	173.4E6	99852568	24.269	24.014
Target Compounds							
3)	L1 AR-1016-1	7.047	0.000	2895605	0	17.309	N.D. #
4)	L1 AR-1016-2	7.047	6.266	2895605	-163128	11.014	N.D. #
5)	L1 AR-1016-3	7.167	6.399	1251528	748901	7.333	6.944
6)	L1 AR-1016-4	7.297	6.462	2264191	501954	16.381	5.895 #
7)	L1 AR-1016-5	7.670	6.756	6414182	2536274	46.237	22.028 #
8)	L2 AR-1221-1	0.000	5.048	0	1316939	N.D.	53.738 #
9)	L2 AR-1221-2	0.000	5.148	0	1779833	N.D.	109.274 #
10)	L2 AR-1221-3	0.000	5.252	0	464080	N.D.	7.632 #
11)	L3 AR-1232-1	0.000	5.252	0	464080	N.D.	10.128 #
12)	L3 AR-1232-2	6.799	6.266	2597599	-163128	65.517	N.D. #
13)	L3 AR-1232-3	7.047	6.399	2895605	748901	35.831	21.295 #
14)	L3 AR-1232-4	7.297	6.539	2264191	1901953	54.169	64.368
15)	L3 AR-1232-5	7.345	6.756	2490254	2536274	78.576	84.249
16)	L4 AR-1242-1	7.047	0.000	2895605	0	29.865	N.D. #
17)	L4 AR-1242-2	7.047	6.266	2895605	-163128	20.036	N.D. #
18)	L4 AR-1242-3	7.167	6.399	1251528	748901	13.444	12.415
19)	L4 AR-1242-4	7.297	6.539	2264191	1901953	30.105	31.912
20)	L4 AR-1242-5	8.112	7.158	3413463	2933025	39.374	36.395
21)	L5 AR-1248-1	7.047	0.000	2895605	0	37.410	N.D. #
22)	L5 AR-1248-2	7.345	6.462	2490254	501954	22.110	5.709 #
23)	L5 AR-1248-3	7.670	6.539	6414182	1901953	46.470	21.020 #
24)	L5 AR-1248-4	8.028	6.756	12563657	2536274	83.220	22.967 #
25)	L5 AR-1248-5	8.112	7.158	3413463	2933025	22.672	25.834
26)	L6 AR-1254-1	8.028	7.158	12563657	2933025	72.042	15.313 #
27)	L6 AR-1254-2	8.239	7.320	6769149	5457319	24.477	31.413 #
28)	L6 AR-1254-3	8.657	7.758	11733223	12373921	39.535	42.819
29)	L6 AR-1254-4	8.927	7.987	3428452	4843317	16.497	27.126 #
30)	L6 AR-1254-5	9.369	8.432	5556070	4353185	19.292	16.897
31)	L7 AR-1260-1	8.798	7.882	5776268	9921757	17.377	36.193 #
32)	L7 AR-1260-2	9.068	8.085	11003866	5693668	27.240	16.460 #
33)	L7 AR-1260-3	9.443	8.247	2076850	1854245	6.296	5.782
34)	L7 AR-1260-4	9.683	8.743	1781207	1676030	4.833	6.168 #
35)	L7 AR-1260-5	10.022	8.997	4351317	5097298	5.651	7.583 #
36)	L8 AR-1262-1	9.502	8.528	2356393	2009695	16.951	17.699
37)	L8 AR-1262-2	10.022	8.997	4351317	5097298	7.518	10.274 #
38)	L8 AR-1262-3	10.370	9.288	2570633	1514493	6.080	7.203
39)	L8 AR-1262-4	10.422	9.354	3671598	4396520	9.721	11.612
40)	L8 AR-1262-5	11.130	9.876	3323834	1432307	14.146	8.834 #
41)	L9 AR-1268-1	10.370	9.288	2570633	1514493	4.267	3.319
42)	L9 AR-1268-2	10.422	9.354	3671598	4396520	5.967	10.056 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
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 Acq On : 29 May 2019 16:27
 Operator : SM\AJ
 Sample : K3078-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

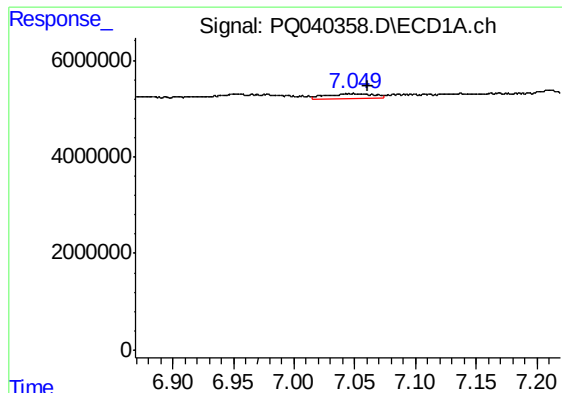
Instrument :
 ECD_Q
 ClientSampleId :
 ETMW0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 03:37:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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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	10.676	9.562	847653	1127230	1.561	3.003 #
44) L9	AR-1268-4	11.130	9.876	3323834	1432307	16.296	10.395 #
45) L9	AR-1268-5	11.554	10.186	4978551	2433890	2.694	2.062

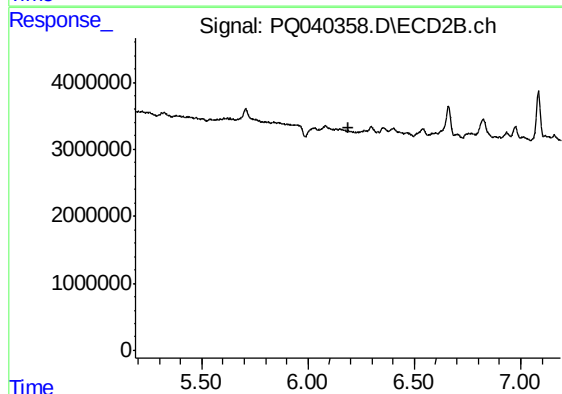
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

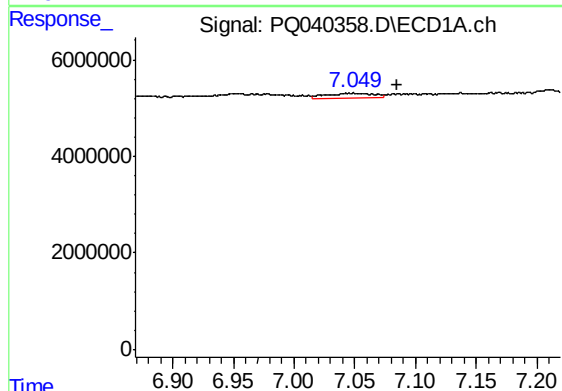
R.T.: 7.047 min
Delta R.T.: -0.015 min
Response: 2895605
Conc: 17.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



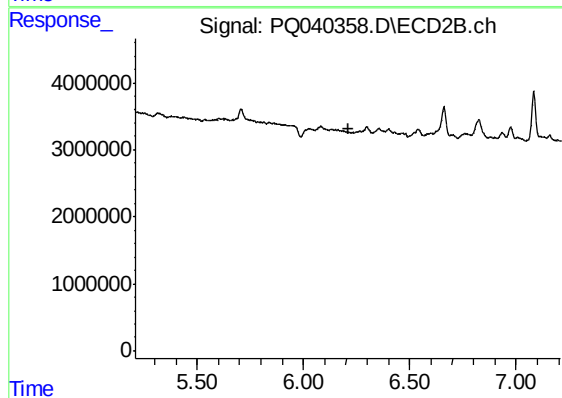
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



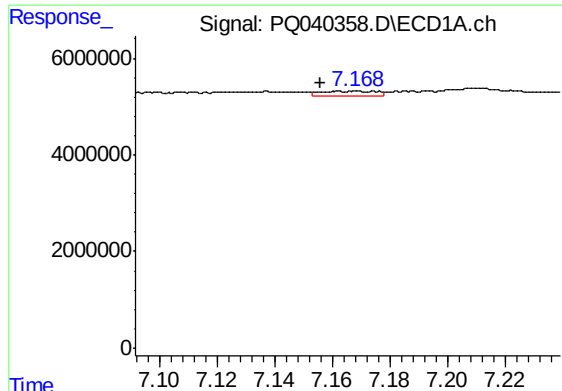
#4 AR-1016-2

R.T.: 7.047 min
Delta R.T.: -0.039 min
Response: 2895605
Conc: 11.01 ng/ml



#4 AR-1016-2

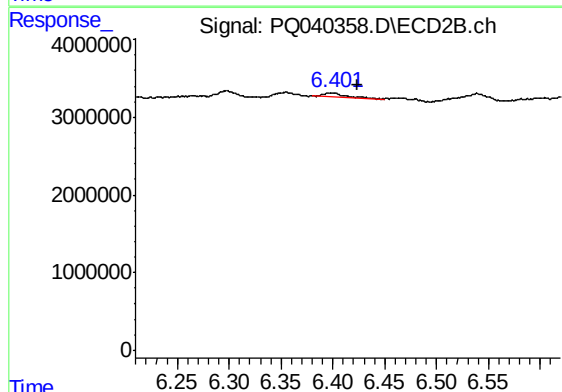
R.T.: 6.266 min
Delta R.T.: 0.057 min
Response: -163128
Conc: N.D.



#5 AR-1016-3

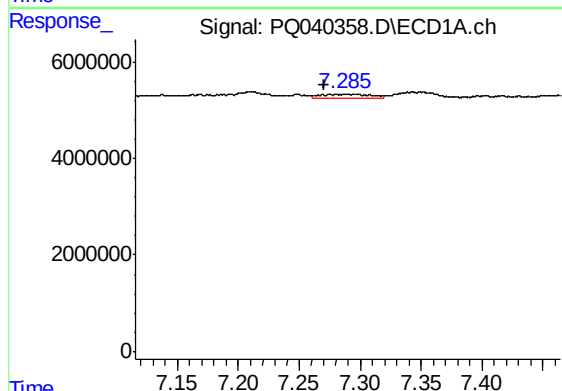
R.T.: 7.167 min
Delta R.T.: 0.011 min
Response: 1251528
Conc: 7.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



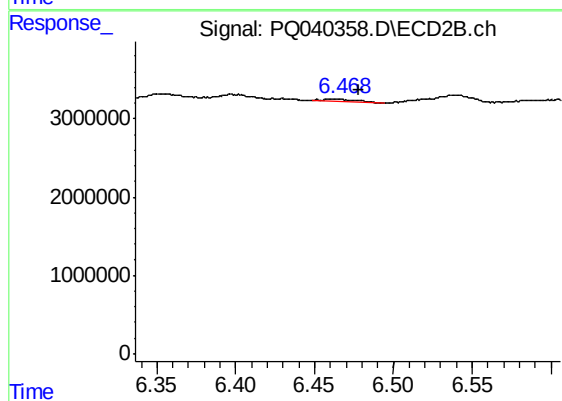
#5 AR-1016-3

R.T.: 6.399 min
Delta R.T.: -0.025 min
Response: 748901
Conc: 6.94 ng/ml



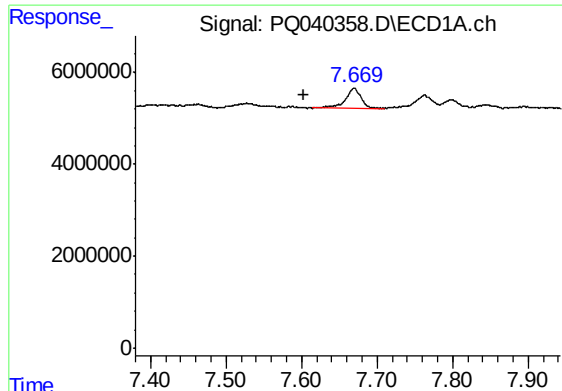
#6 AR-1016-4

R.T.: 7.297 min
Delta R.T.: 0.026 min
Response: 2264191
Conc: 16.38 ng/ml



#6 AR-1016-4

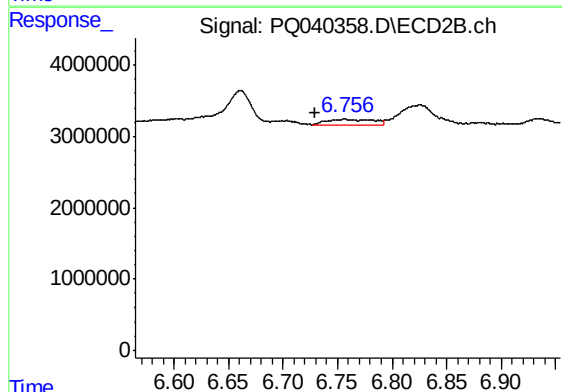
R.T.: 6.462 min
Delta R.T.: -0.016 min
Response: 501954
Conc: 5.90 ng/ml



#7 AR-1016-5

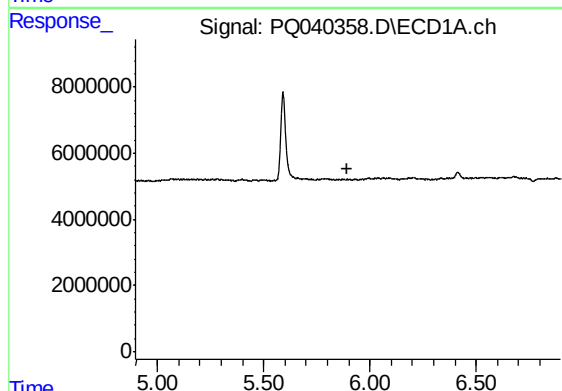
R.T.: 7.670 min
Delta R.T.: 0.066 min
Response: 6414182
Conc: 46.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



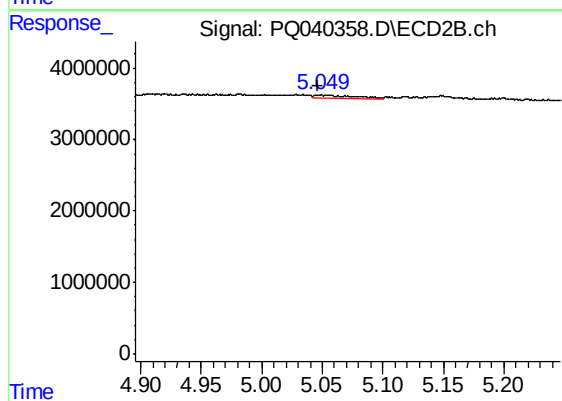
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: 0.027 min
Response: 2536274
Conc: 22.03 ng/ml



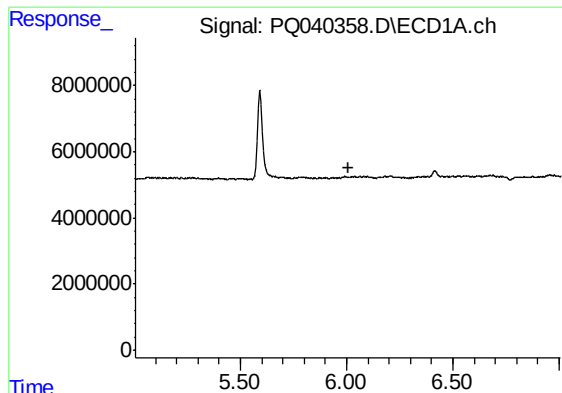
#8 AR-1221-1

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



#8 AR-1221-1

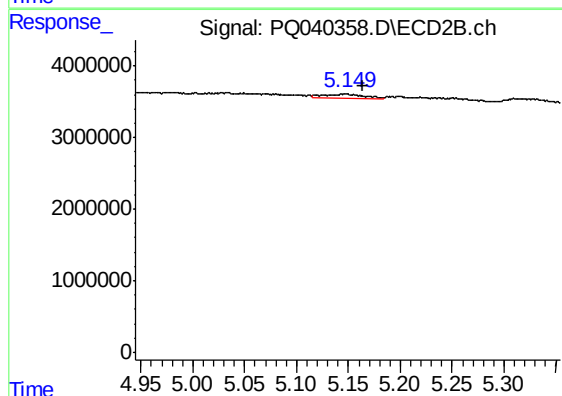
R.T.: 5.048 min
Delta R.T.: 0.002 min
Response: 1316939
Conc: 53.74 ng/ml



#9 AR-1221-2

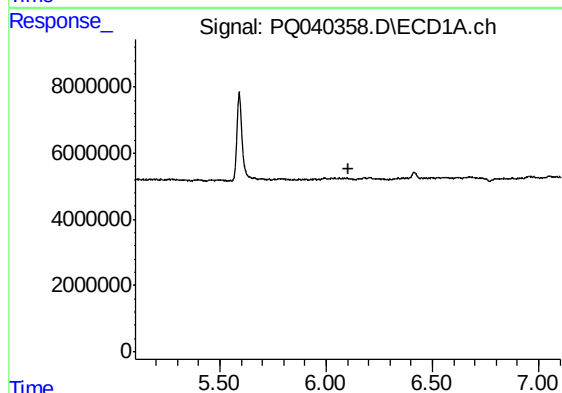
R.T.: 0.000 min
Exp R.T. : 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMW0



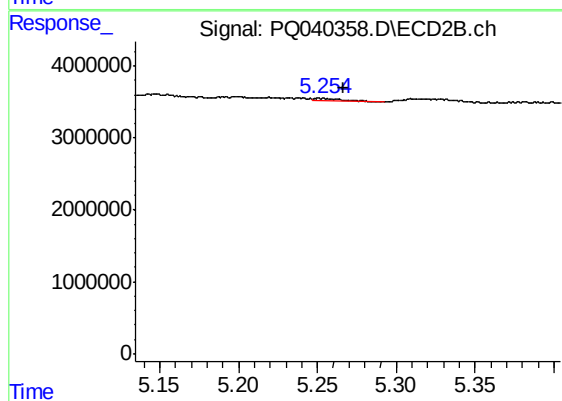
#9 AR-1221-2

R.T.: 5.148 min
Delta R.T.: -0.015 min
Response: 1779833
Conc: 109.27 ng/ml



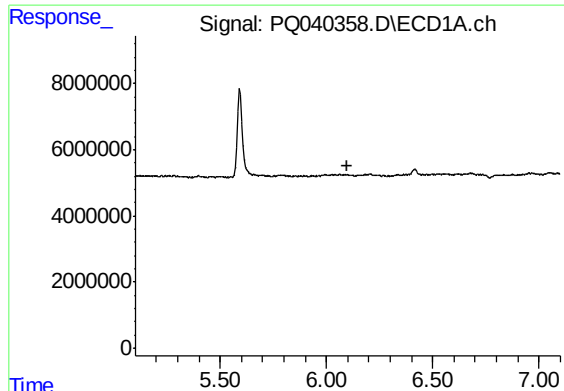
#10 AR-1221-3

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



#10 AR-1221-3

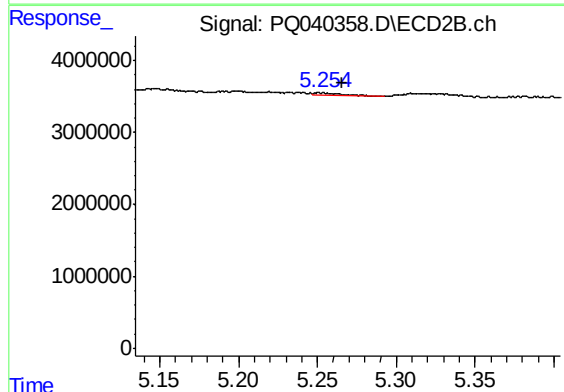
R.T.: 5.252 min
Delta R.T.: -0.015 min
Response: 464080
Conc: 7.63 ng/ml



#11 AR-1232-1

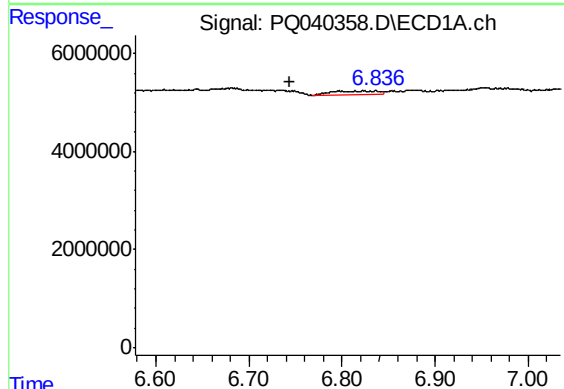
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMW0



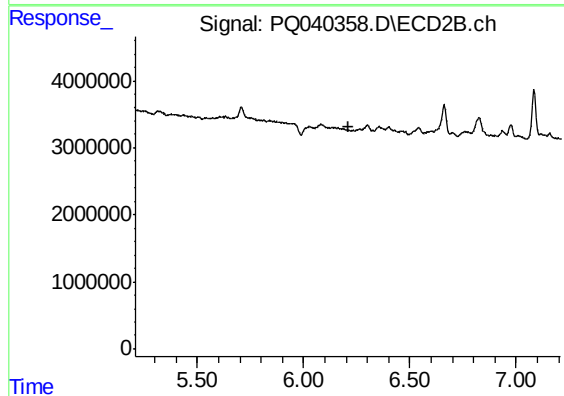
#11 AR-1232-1

R.T.: 5.252 min
Delta R.T.: -0.013 min
Response: 464080
Conc: 10.13 ng/ml



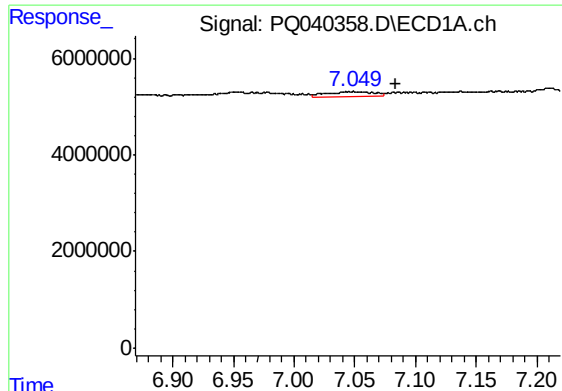
#12 AR-1232-2

R.T.: 6.799 min
Delta R.T.: 0.056 min
Response: 2597599
Conc: 65.52 ng/ml



#12 AR-1232-2

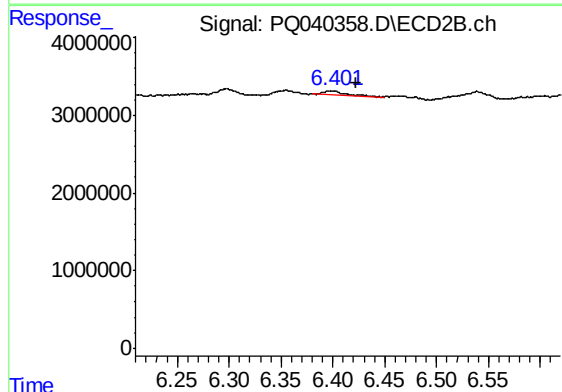
R.T.: 6.266 min
Delta R.T.: 0.058 min
Response: -163128
Conc: N.D.



#13 AR-1232-3

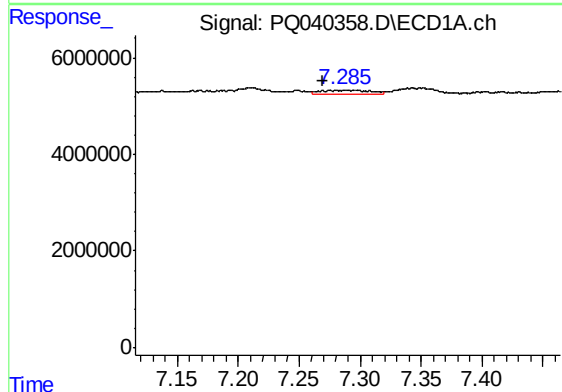
R.T.: 7.047 min
Delta R.T.: -0.038 min
Response: 2895605
Conc: 35.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



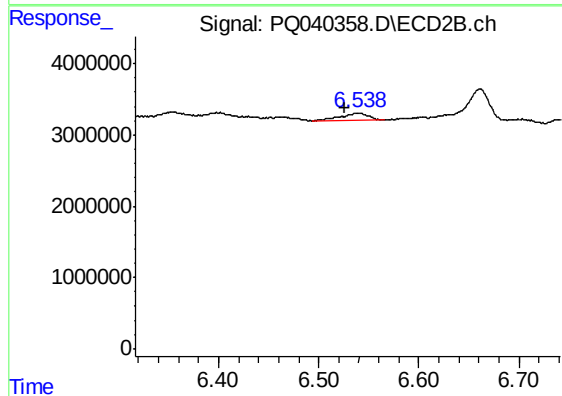
#13 AR-1232-3

R.T.: 6.399 min
Delta R.T.: -0.024 min
Response: 748901
Conc: 21.30 ng/ml



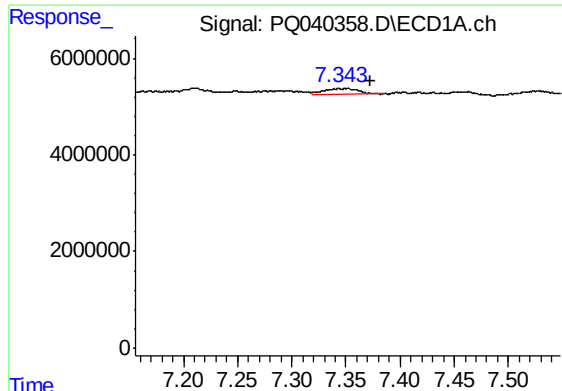
#14 AR-1232-4

R.T.: 7.297 min
Delta R.T.: 0.027 min
Response: 2264191
Conc: 54.17 ng/ml



#14 AR-1232-4

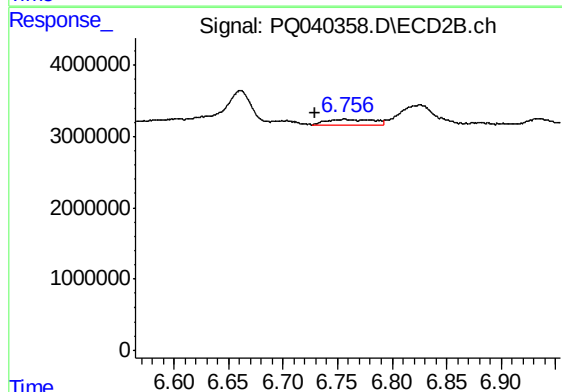
R.T.: 6.539 min
Delta R.T.: 0.014 min
Response: 1901953
Conc: 64.37 ng/ml



#15 AR-1232-5

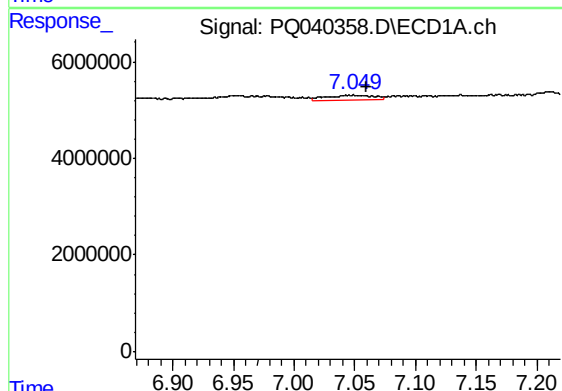
R.T.: 7.345 min
Delta R.T.: -0.027 min
Response: 2490254
Conc: 78.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



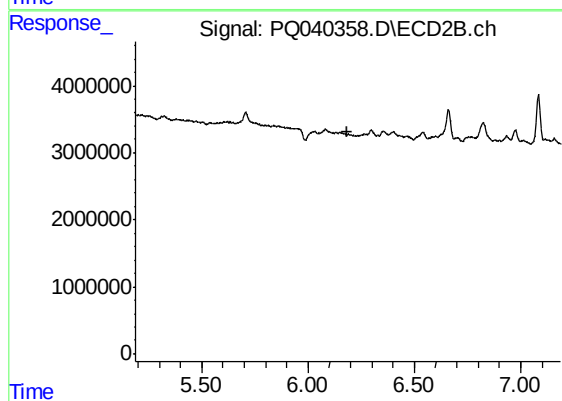
#15 AR-1232-5

R.T.: 6.756 min
Delta R.T.: 0.027 min
Response: 2536274
Conc: 84.25 ng/ml



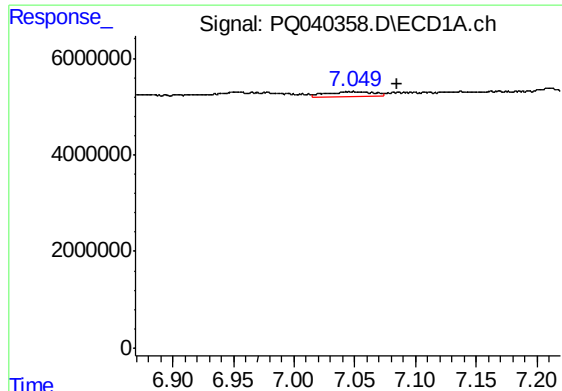
#16 AR-1242-1

R.T.: 7.047 min
Delta R.T.: -0.013 min
Response: 2895605
Conc: 29.87 ng/ml



#16 AR-1242-1

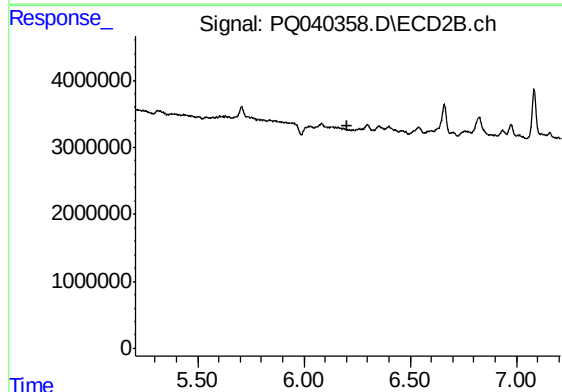
R.T.: 0.000 min
Exp R.T. : 6.187 min
Response: 0
Conc: N.D.



#17 AR-1242-2

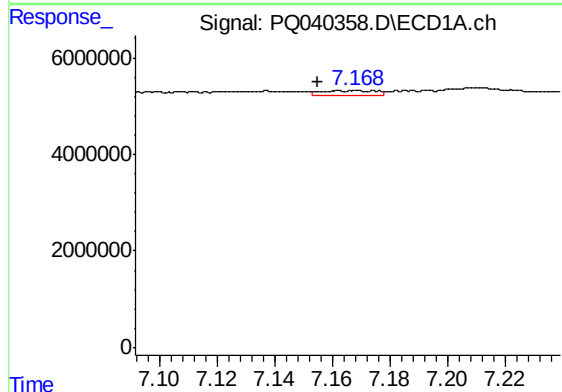
R.T.: 7.047 min
Delta R.T.: -0.038 min
Response: 2895605
Conc: 20.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



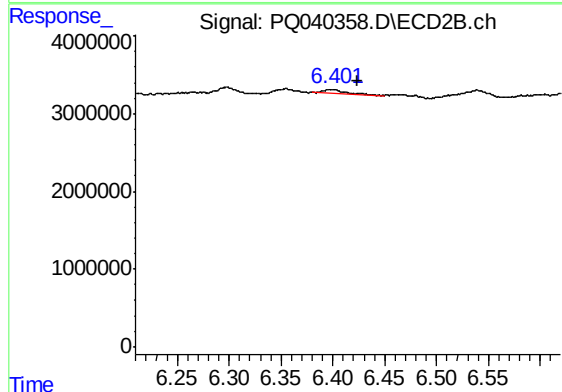
#17 AR-1242-2

R.T.: 6.266 min
Delta R.T.: 0.059 min
Response: -163128
Conc: N.D.



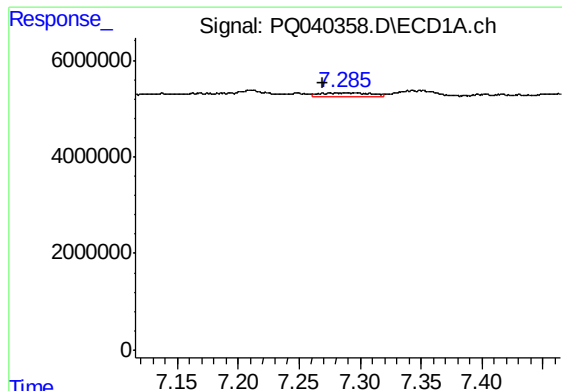
#18 AR-1242-3

R.T.: 7.167 min
Delta R.T.: 0.012 min
Response: 1251528
Conc: 13.44 ng/ml



#18 AR-1242-3

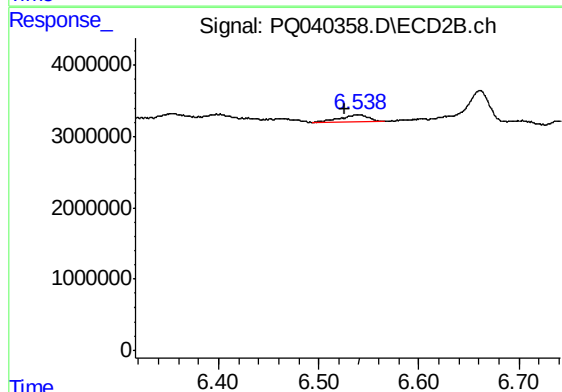
R.T.: 6.399 min
Delta R.T.: -0.025 min
Response: 748901
Conc: 12.41 ng/ml



#19 AR-1242-4

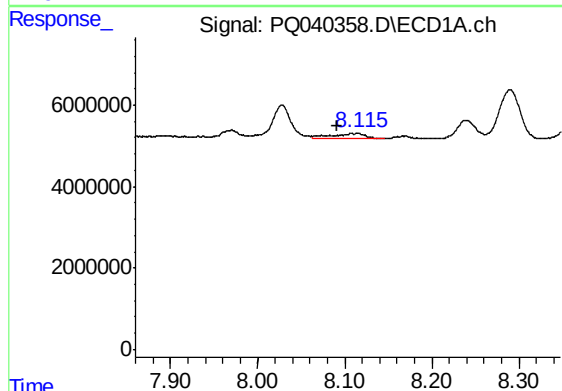
R.T.: 7.297 min
Delta R.T.: 0.027 min
Response: 2264191
Conc: 30.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



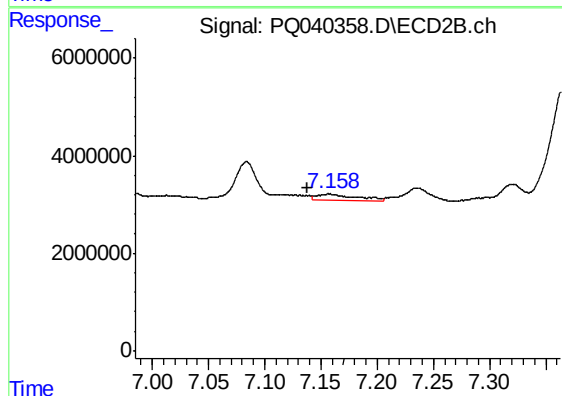
#19 AR-1242-4

R.T.: 6.539 min
Delta R.T.: 0.014 min
Response: 1901953
Conc: 31.91 ng/ml



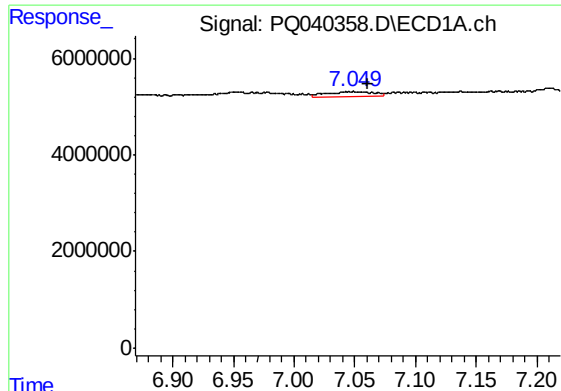
#20 AR-1242-5

R.T.: 8.112 min
Delta R.T.: 0.022 min
Response: 3413463
Conc: 39.37 ng/ml



#20 AR-1242-5

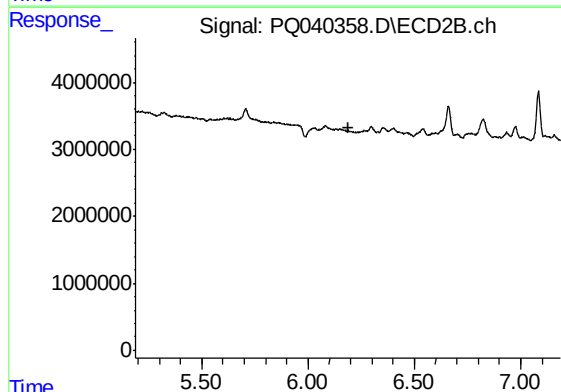
R.T.: 7.158 min
Delta R.T.: 0.019 min
Response: 2933025
Conc: 36.40 ng/ml



#21 AR-1248-1

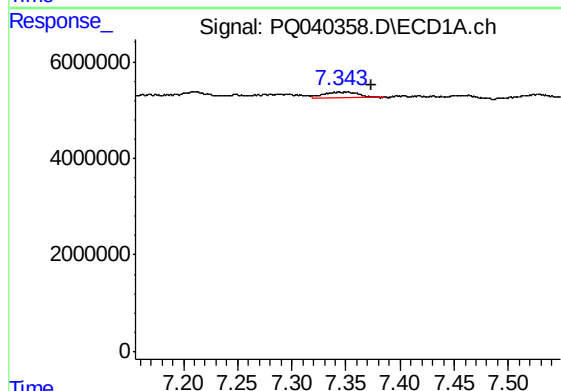
R.T.: 7.047 min
Delta R.T.: -0.014 min
Response: 2895605
Conc: 37.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



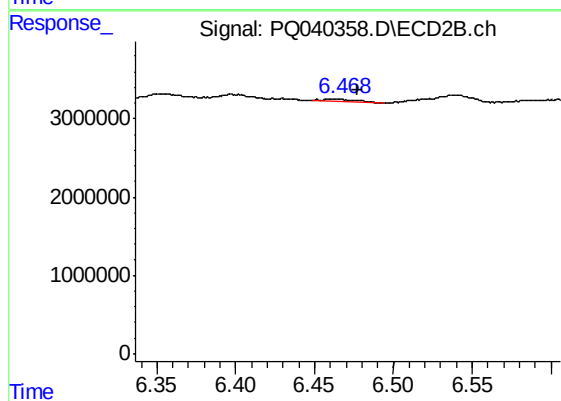
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



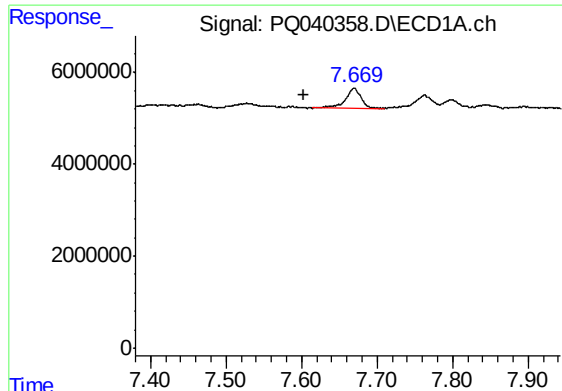
#22 AR-1248-2

R.T.: 7.345 min
Delta R.T.: -0.029 min
Response: 2490254
Conc: 22.11 ng/ml



#22 AR-1248-2

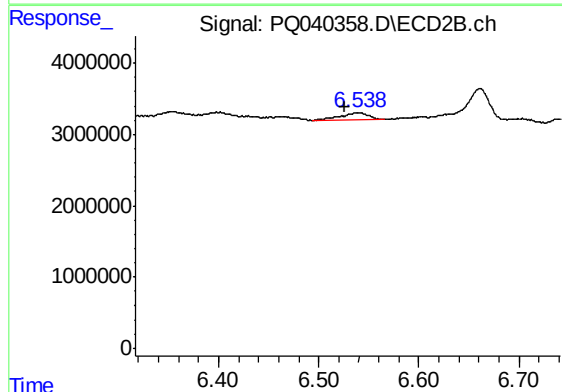
R.T.: 6.462 min
Delta R.T.: -0.015 min
Response: 501954
Conc: 5.71 ng/ml



#23 AR-1248-3

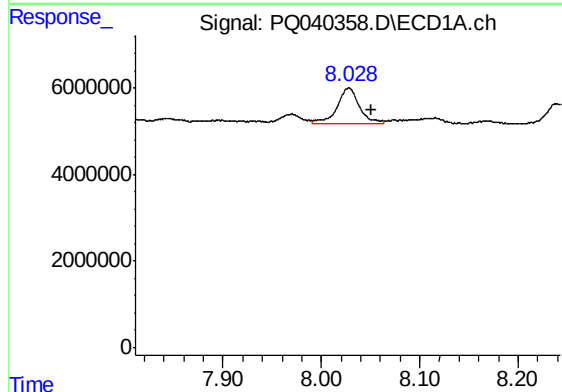
R.T.: 7.670 min
Delta R.T.: 0.066 min
Response: 6414182
Conc: 46.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



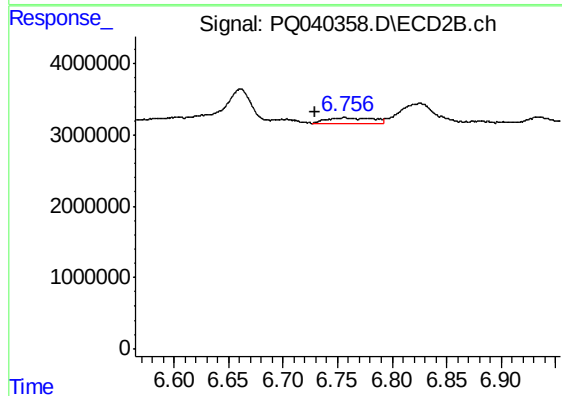
#23 AR-1248-3

R.T.: 6.539 min
Delta R.T.: 0.013 min
Response: 1901953
Conc: 21.02 ng/ml



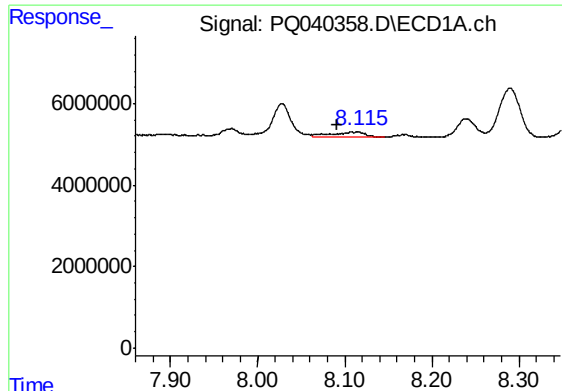
#24 AR-1248-4

R.T.: 8.028 min
Delta R.T.: -0.023 min
Response: 12563657
Conc: 83.22 ng/ml



#24 AR-1248-4

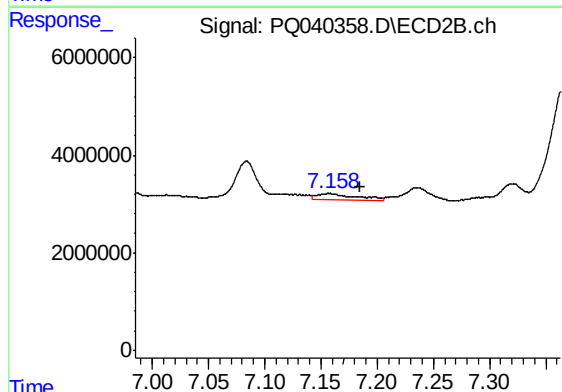
R.T.: 6.756 min
Delta R.T.: 0.027 min
Response: 2536274
Conc: 22.97 ng/ml



#25 AR-1248-5

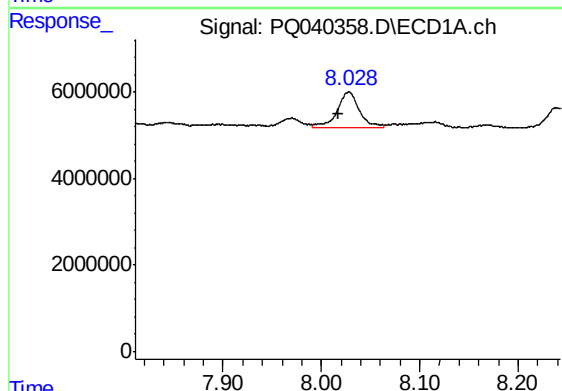
R.T.: 8.112 min
Delta R.T.: 0.021 min
Response: 3413463
Conc: 22.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



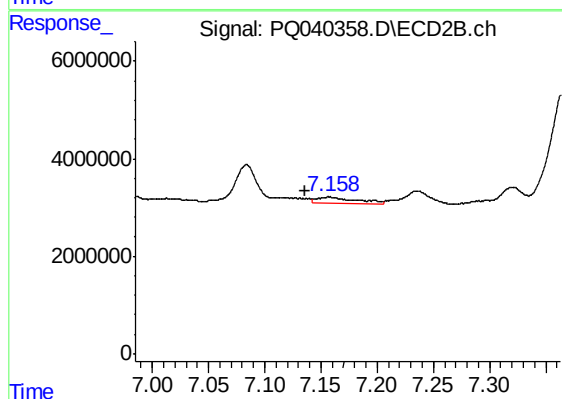
#25 AR-1248-5

R.T.: 7.158 min
Delta R.T.: -0.027 min
Response: 2933025
Conc: 25.83 ng/ml



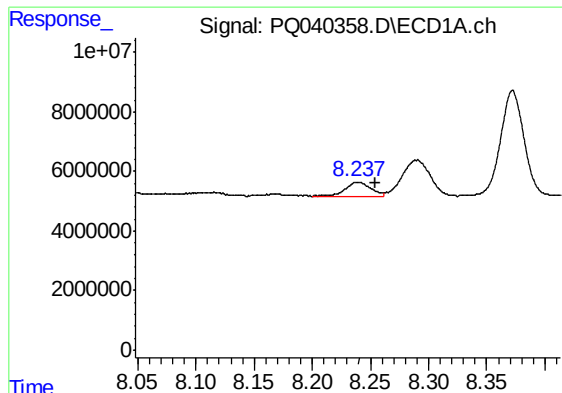
#26 AR-1254-1

R.T.: 8.028 min
Delta R.T.: 0.010 min
Response: 12563657
Conc: 72.04 ng/ml



#26 AR-1254-1

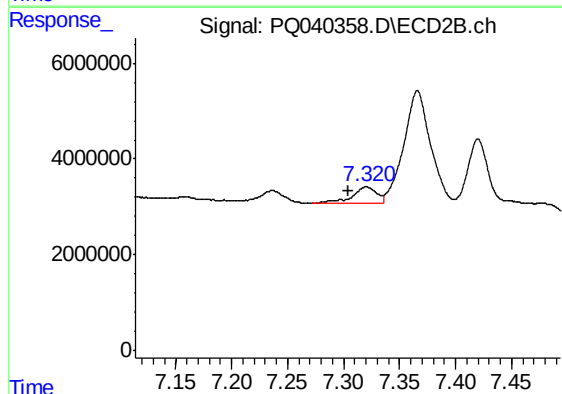
R.T.: 7.158 min
Delta R.T.: 0.021 min
Response: 2933025
Conc: 15.31 ng/ml



#27 AR-1254-2

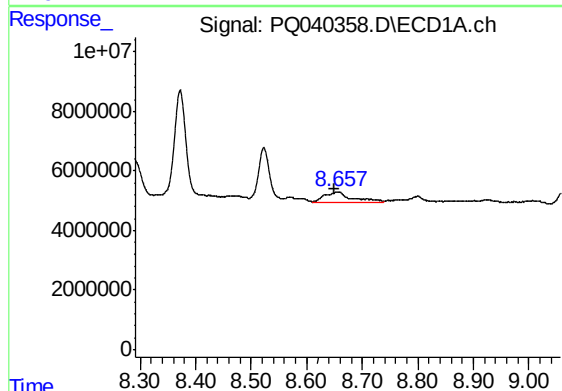
R.T.: 8.239 min
Delta R.T.: -0.015 min
Response: 6769149
Conc: 24.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



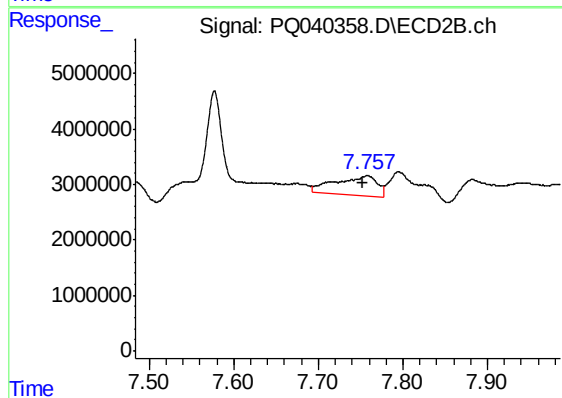
#27 AR-1254-2

R.T.: 7.320 min
Delta R.T.: 0.016 min
Response: 5457319
Conc: 31.41 ng/ml



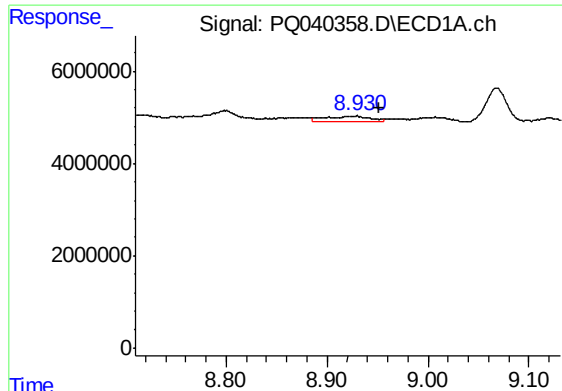
#28 AR-1254-3

R.T.: 8.657 min
Delta R.T.: 0.007 min
Response: 11733223
Conc: 39.53 ng/ml



#28 AR-1254-3

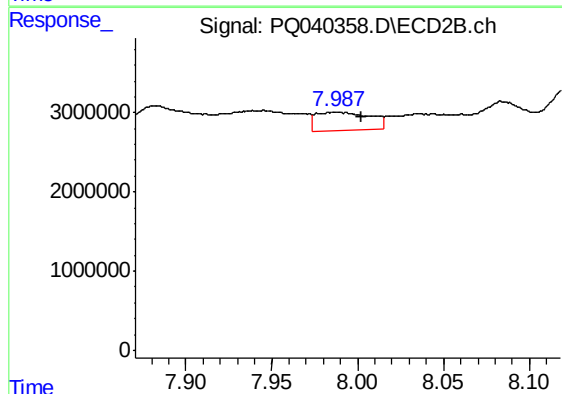
R.T.: 7.758 min
Delta R.T.: 0.006 min
Response: 12373921
Conc: 42.82 ng/ml



#29 AR-1254-4

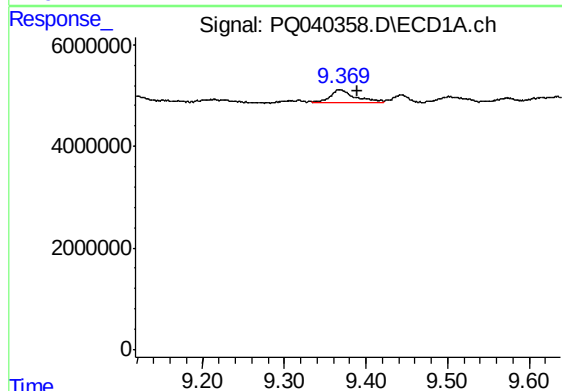
R.T.: 8.927 min
Delta R.T.: -0.025 min
Response: 3428452
Conc: 16.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



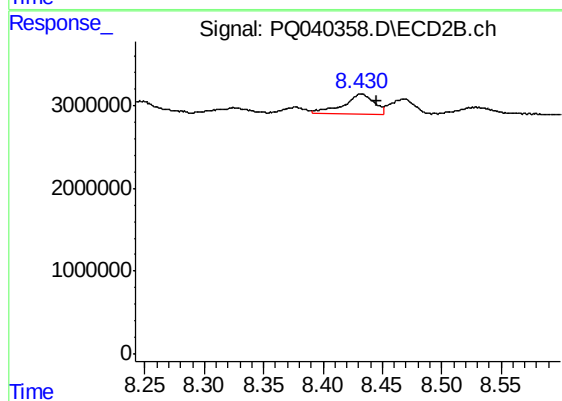
#29 AR-1254-4

R.T.: 7.987 min
Delta R.T.: -0.015 min
Response: 4843317
Conc: 27.13 ng/ml



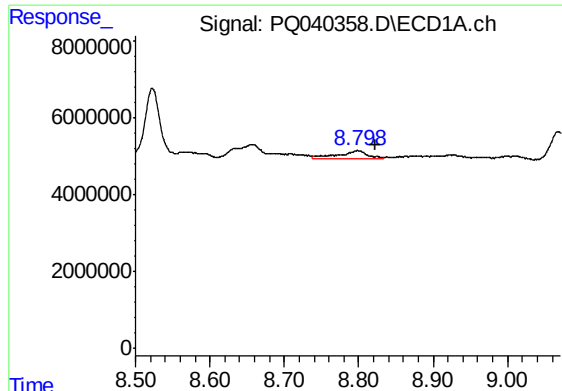
#30 AR-1254-5

R.T.: 9.369 min
Delta R.T.: -0.022 min
Response: 5556070
Conc: 19.29 ng/ml



#30 AR-1254-5

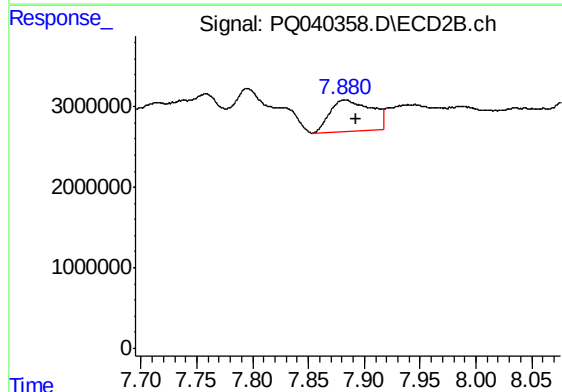
R.T.: 8.432 min
Delta R.T.: -0.013 min
Response: 4353185
Conc: 16.90 ng/ml



#31 AR-1260-1

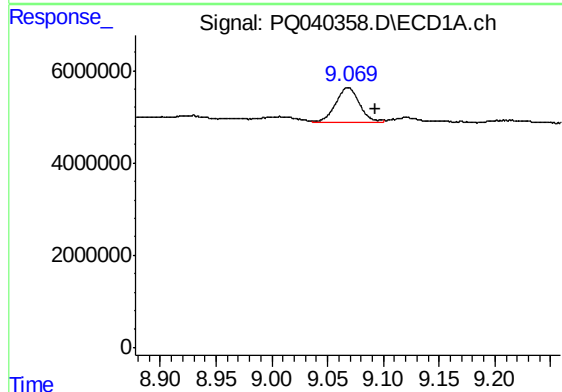
R.T.: 8.798 min
Delta R.T.: -0.024 min
Response: 5776268
Conc: 17.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



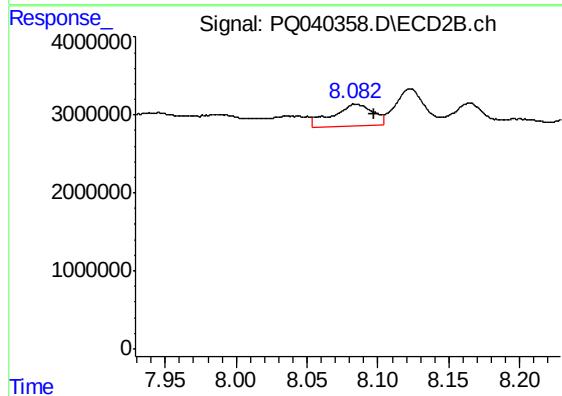
#31 AR-1260-1

R.T.: 7.882 min
Delta R.T.: -0.010 min
Response: 9921757
Conc: 36.19 ng/ml



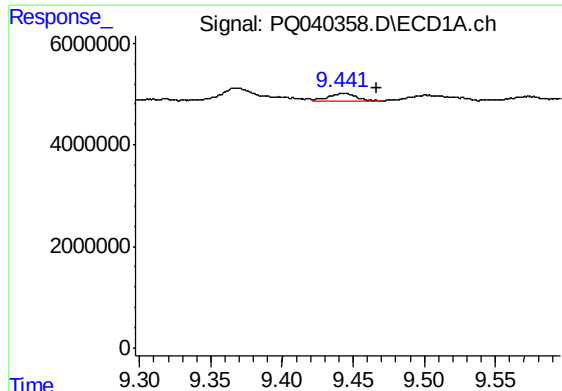
#32 AR-1260-2

R.T.: 9.068 min
Delta R.T.: -0.024 min
Response: 11003866
Conc: 27.24 ng/ml



#32 AR-1260-2

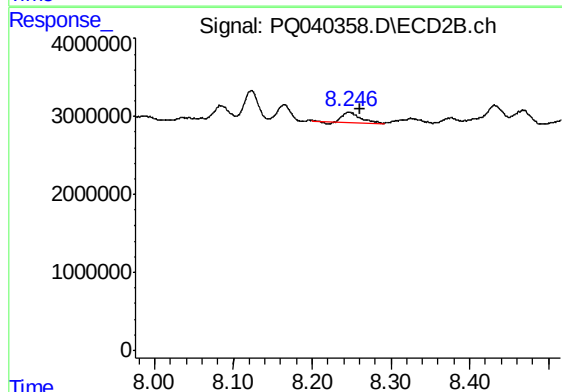
R.T.: 8.085 min
Delta R.T.: -0.012 min
Response: 5693668
Conc: 16.46 ng/ml



#33 AR-1260-3

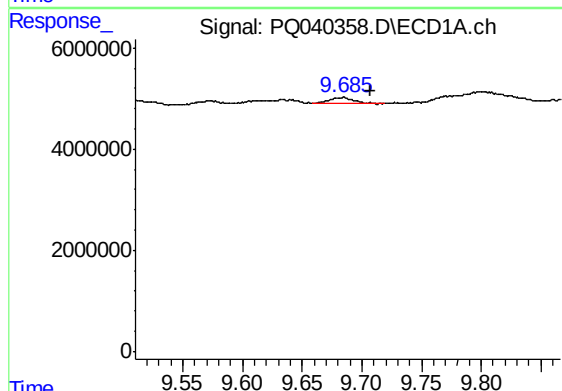
R.T.: 9.443 min
Delta R.T.: -0.024 min
Response: 2076850
Conc: 6.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



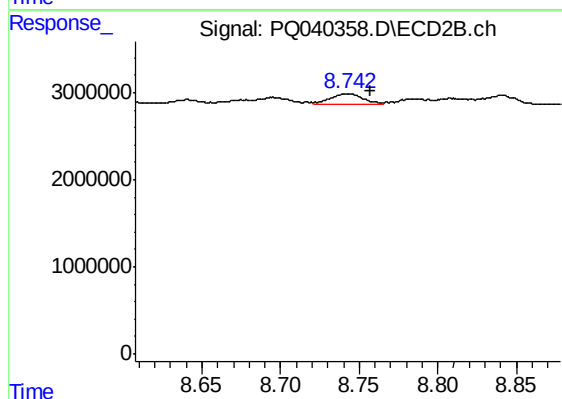
#33 AR-1260-3

R.T.: 8.247 min
Delta R.T.: -0.013 min
Response: 1854245
Conc: 5.78 ng/ml



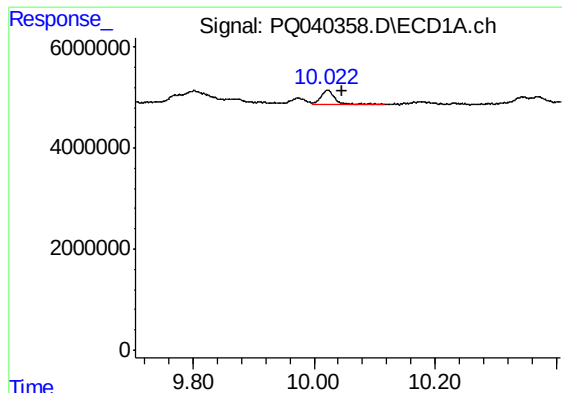
#34 AR-1260-4

R.T.: 9.683 min
Delta R.T.: -0.025 min
Response: 1781207
Conc: 4.83 ng/ml



#34 AR-1260-4

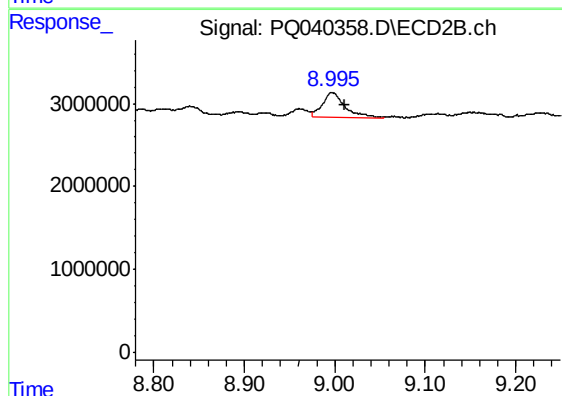
R.T.: 8.743 min
Delta R.T.: -0.014 min
Response: 1676030
Conc: 6.17 ng/ml



#35 AR-1260-5

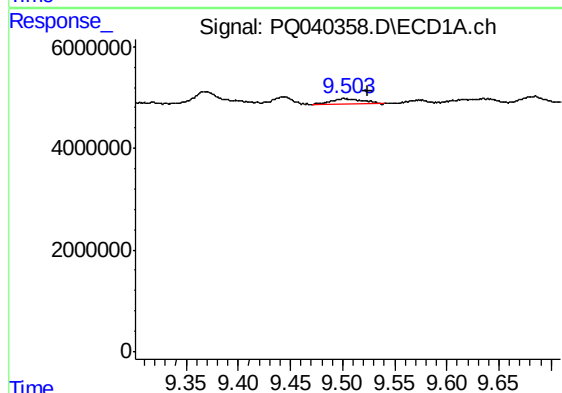
R.T.: 10.022 min
Delta R.T.: -0.025 min
Response: 4351317
Conc: 5.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



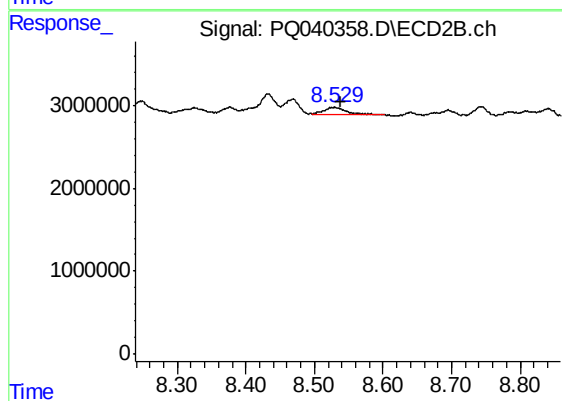
#35 AR-1260-5

R.T.: 8.997 min
Delta R.T.: -0.013 min
Response: 5097298
Conc: 7.58 ng/ml



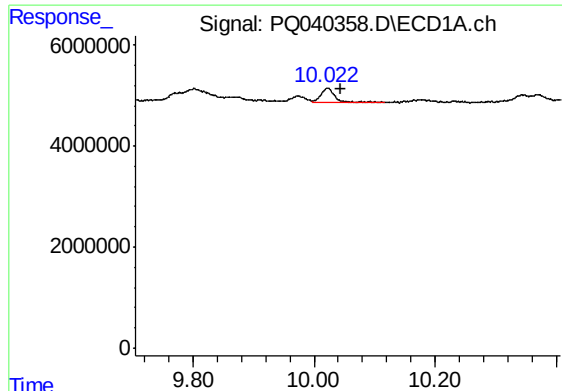
#36 AR-1262-1

R.T.: 9.502 min
Delta R.T.: -0.022 min
Response: 2356393
Conc: 16.95 ng/ml



#36 AR-1262-1

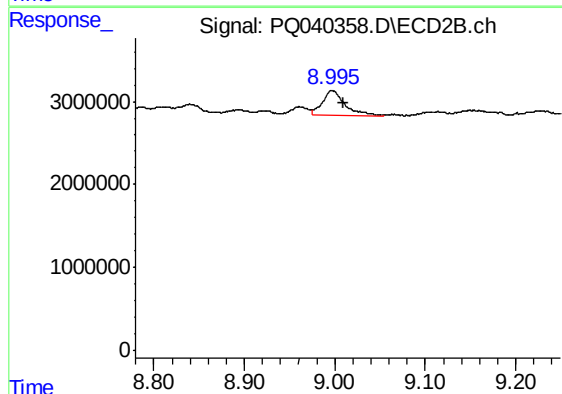
R.T.: 8.528 min
Delta R.T.: -0.011 min
Response: 2009695
Conc: 17.70 ng/ml



#37 AR-1262-2

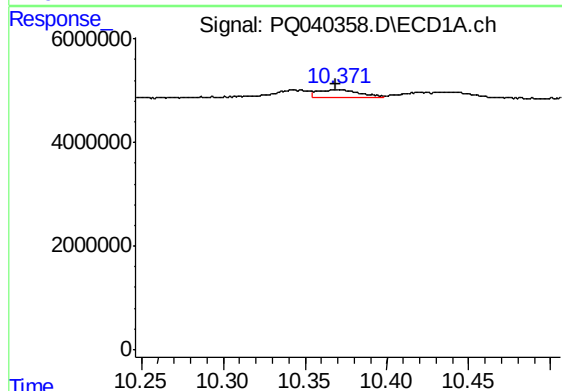
R.T.: 10.022 min
Delta R.T.: -0.022 min
Response: 4351317
Conc: 7.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



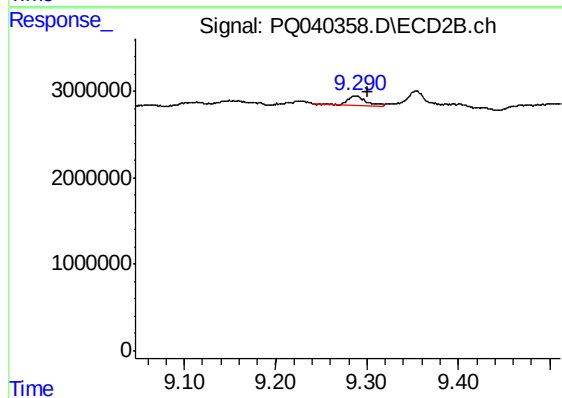
#37 AR-1262-2

R.T.: 8.997 min
Delta R.T.: -0.012 min
Response: 5097298
Conc: 10.27 ng/ml



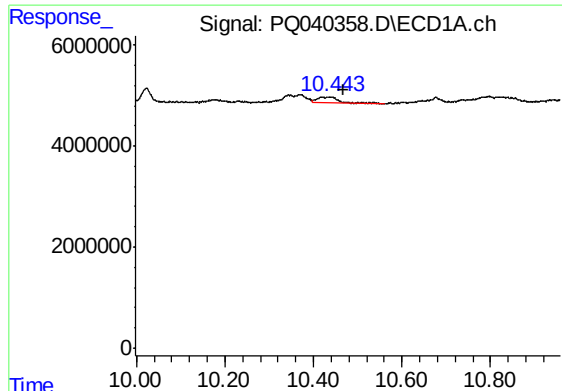
#38 AR-1262-3

R.T.: 10.370 min
Delta R.T.: 0.002 min
Response: 2570633
Conc: 6.08 ng/ml



#38 AR-1262-3

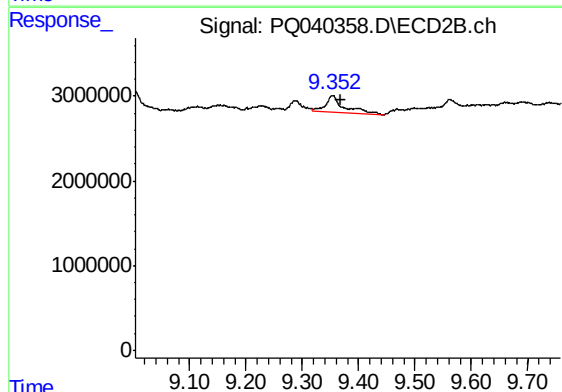
R.T.: 9.288 min
Delta R.T.: -0.013 min
Response: 1514493
Conc: 7.20 ng/ml



#39 AR-1262-4

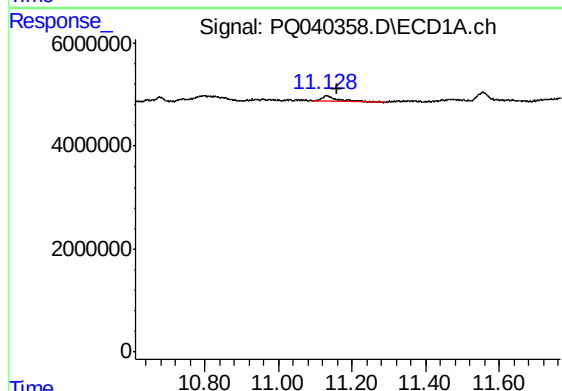
R.T.: 10.422 min
Delta R.T.: -0.045 min
Response: 3671598
Conc: 9.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



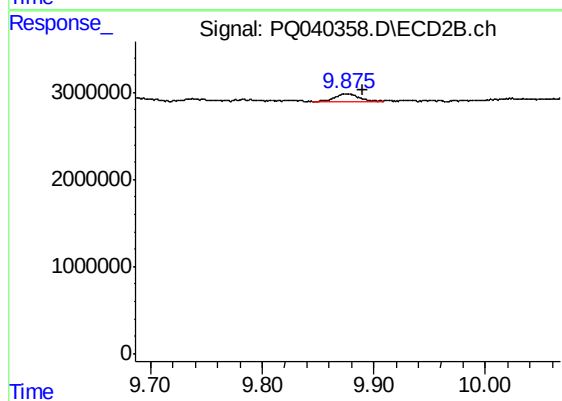
#39 AR-1262-4

R.T.: 9.354 min
Delta R.T.: -0.014 min
Response: 4396520
Conc: 11.61 ng/ml



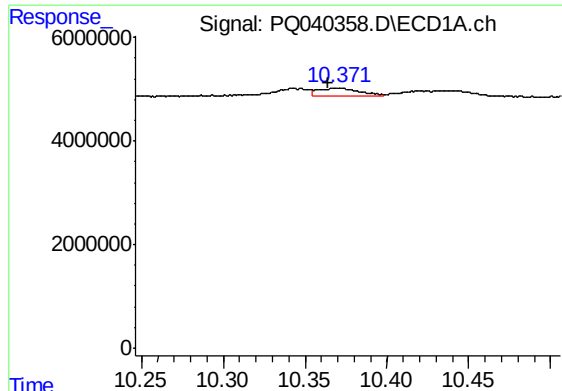
#40 AR-1262-5

R.T.: 11.130 min
Delta R.T.: -0.030 min
Response: 3323834
Conc: 14.15 ng/ml



#40 AR-1262-5

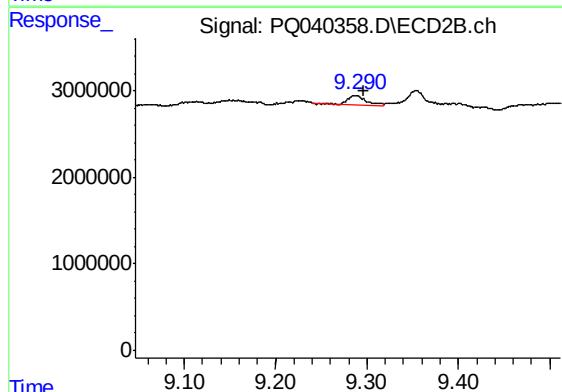
R.T.: 9.876 min
Delta R.T.: -0.014 min
Response: 1432307
Conc: 8.83 ng/ml



#41 AR-1268-1

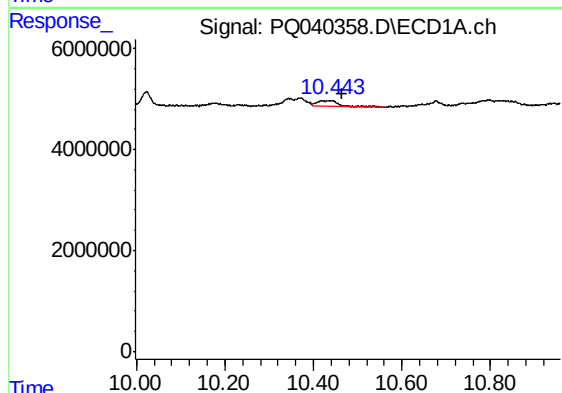
R.T.: 10.370 min
Delta R.T.: 0.006 min
Response: 2570633
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



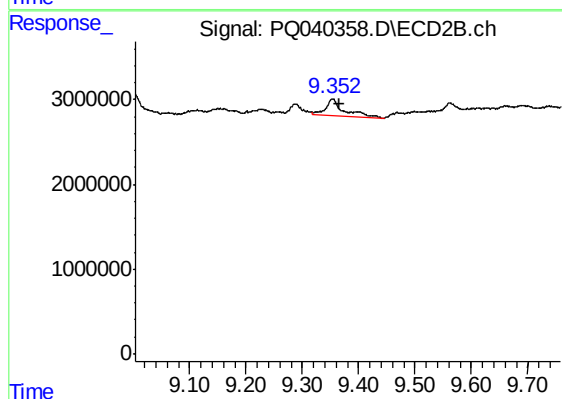
#41 AR-1268-1

R.T.: 9.288 min
Delta R.T.: -0.009 min
Response: 1514493
Conc: 3.32 ng/ml



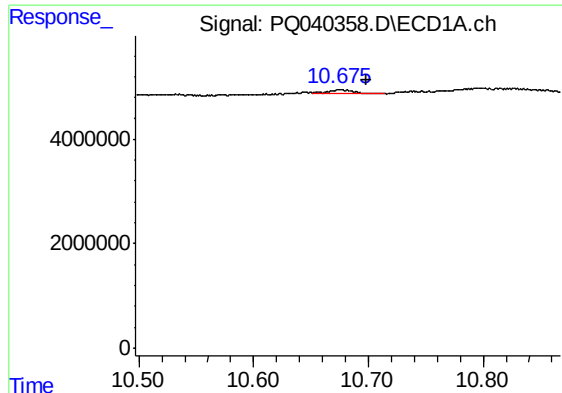
#42 AR-1268-2

R.T.: 10.422 min
Delta R.T.: -0.042 min
Response: 3671598
Conc: 5.97 ng/ml



#42 AR-1268-2

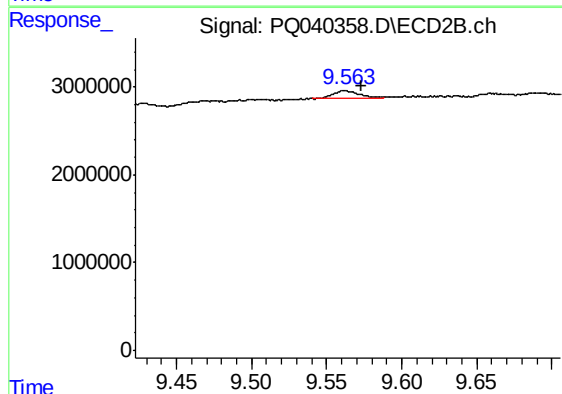
R.T.: 9.354 min
Delta R.T.: -0.012 min
Response: 4396520
Conc: 10.06 ng/ml



#43 AR-1268-3

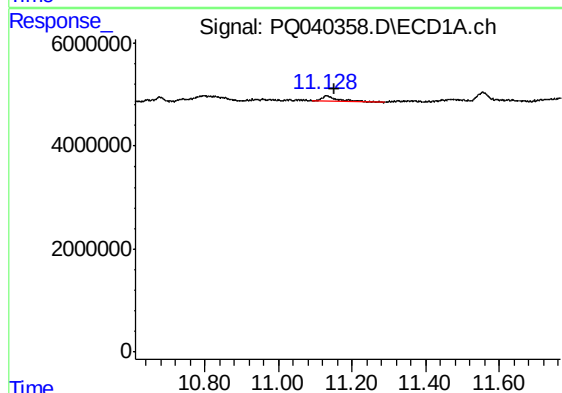
R.T.: 10.676 min
Delta R.T.: -0.022 min
Response: 847653
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



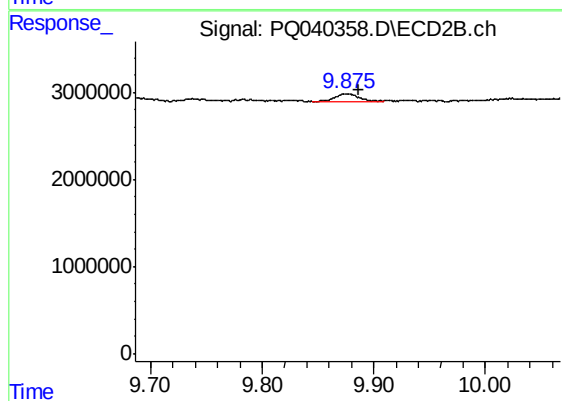
#43 AR-1268-3

R.T.: 9.562 min
Delta R.T.: -0.011 min
Response: 1127230
Conc: 3.00 ng/ml



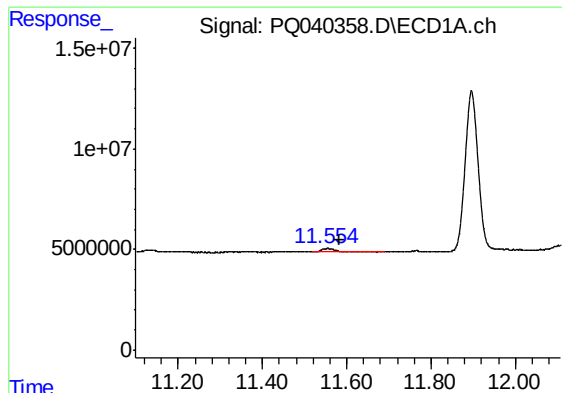
#44 AR-1268-4

R.T.: 11.130 min
Delta R.T.: -0.024 min
Response: 3323834
Conc: 16.30 ng/ml



#44 AR-1268-4

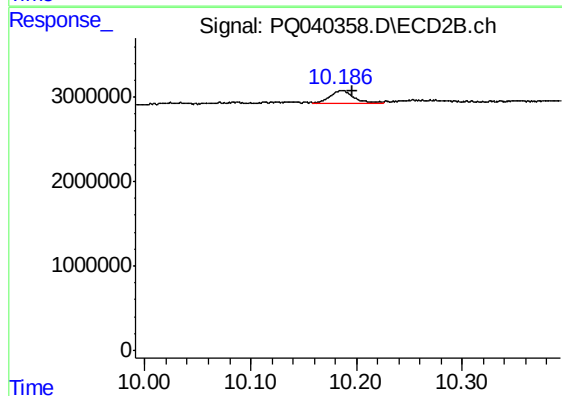
R.T.: 9.876 min
Delta R.T.: -0.011 min
Response: 1432307
Conc: 10.40 ng/ml



#45 AR-1268-5

R.T.: 11.554 min
Delta R.T.: -0.028 min
Response: 4978551
Conc: 2.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW0



#45 AR-1268-5

R.T.: 10.186 min
Delta R.T.: -0.010 min
Response: 2433890
Conc: 2.06 ng/ml