

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012821\
 Data File : PQ051983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2021 02:43
 Operator : DD\AJ
 Sample : M1240-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 04:37:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 29 02:22:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.240	4.263	330.3E6	109.6E6	14.535	15.042
2)	SA Decachlor...	11.425	9.596	322.6E6	110.2E6	16.368	15.974
Target Compounds							
3)	L1 AR-1016-1	6.584f	0.000	2248650	0	2.822	N.D. #
4)	L1 AR-1016-2	6.584	5.552f	2248650	2551527	1.888	6.808 #
5)	L1 AR-1016-3	0.000	5.696f	0	1752950	N.D.	9.102 #
6)	L1 AR-1016-4	6.773f	5.783	2541214	1394395	4.234	9.079 #
7)	L1 AR-1016-5	0.000	6.013	0	1509124	N.D.	7.736 #
8)	L2 AR-1221-1	5.496	0.000	6713735	0	28.243	N.D. #
9)	L2 AR-1221-2	5.597f	4.617	6626322	1867014	38.130	32.377
10)	L2 AR-1221-3	5.690f	4.708	62874629	19059429	113.299	100.914
11)	L3 AR-1232-1	5.690f	4.708	62874629	19059429	141.135	126.519
12)	L3 AR-1232-2	6.241f	5.552f	1110795	2551527	4.612	16.171 #
13)	L3 AR-1232-3	6.584	5.696f	2248650	1752950	4.573	21.975 #
14)	L3 AR-1232-4	6.773f	5.807	2541214	1716437	10.657	24.873 #
15)	L3 AR-1232-5	6.854	6.013	2133043	1509124	12.335	20.104 #
16)	L4 AR-1242-1	6.584f	0.000	2248650	0	3.661	N.D. #
17)	L4 AR-1242-2	6.584	5.552f	2248650	2551527	2.487	9.253 #
18)	L4 AR-1242-3	0.000	5.696f	0	1752950	N.D.	12.271 #
19)	L4 AR-1242-4	6.773f	5.807	2541214	1716437	5.570	12.618 #
20)	L4 AR-1242-5	7.510f	6.392	7090499	2021006	13.829	11.133
21)	L5 AR-1248-1	6.584f	0.000	2248650	0	5.076	N.D. #
22)	L5 AR-1248-2	6.854	5.783	2133043	1394395	3.313	6.849 #
23)	L5 AR-1248-3	0.000	5.807	0	1716437	N.D.	8.144 #
24)	L5 AR-1248-4	7.510	6.013	7090499	1509124	8.190	6.065 #
25)	L5 AR-1248-5	7.510f	6.432	7090499	2026954	8.156	7.887
26)	L6 AR-1254-1	7.456	6.392	11008712	2021006	12.259	4.890 #
27)	L6 AR-1254-2	7.703	6.549	5193108	1092998	3.678	3.074
28)	L6 AR-1254-3	8.084	6.970	4654354	1936265	3.034	3.295
29)	L6 AR-1254-4	8.378	7.204	3161606	1002972	2.984	2.927
30)	L6 AR-1254-5	8.799	7.634	22082766	3512875	18.669	7.004 #
31)	L7 AR-1260-1	8.250	7.117f	1872518	3751140	1.763	10.176 #
32)	L7 AR-1260-2	8.512	7.302	18400153	1613532	14.542	3.518 #
33)	L7 AR-1260-3	8.877	7.455	2990517	1008000	3.103	2.379
34)	L7 AR-1260-4	9.104	7.943	7325967	3092274	6.604	8.636 #
35)	L7 AR-1260-5	9.463	8.180	4797122	1938984	2.218	2.257
36)	L8 AR-1262-1	8.877	7.634	2990517	3512875	2.106	13.768 #
37)	L8 AR-1262-2	9.463	8.180	4797122	1938984	1.906	2.029
38)	L8 AR-1262-3	9.785	8.471	30859156	2032438	28.303	5.463 #
39)	L8 AR-1262-4	9.892	8.534	5665899	1995813	9.023	2.907 #
40)	L8 AR-1262-5	10.615	9.033	5360789	1003210	6.469	3.456 #
41)	L9 AR-1268-1	9.785	8.471	30859156	2032438	10.194	1.712 #

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 Acq On : 29 Jan 2021 02:43
 Operator : DD\AJ
 Sample : M1240-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

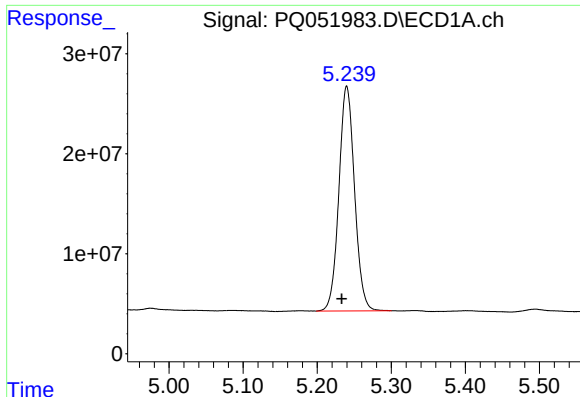
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 04:37:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 29 02:22:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.892	8.534	5665899	1995813	2.047	1.821
43) L9	AR-1268-3	10.137	8.745	29922120	1628566	12.454	1.698 #
44) L9	AR-1268-4	10.615	9.033	5360789	1003210	5.763	2.924 #
45) L9	AR-1268-5	11.063	9.335	26836605	2640840	3.544	0.939 #

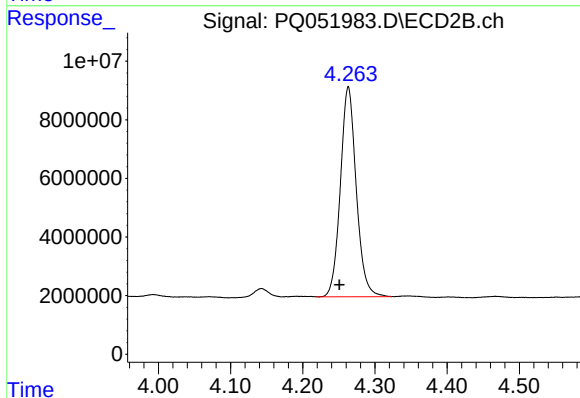
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

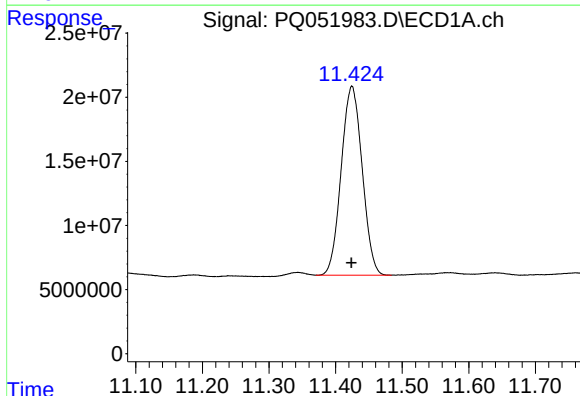
R.T.: 5.240 min
Delta R.T.: 0.007 min
Response: 330346922
Conc: 14.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



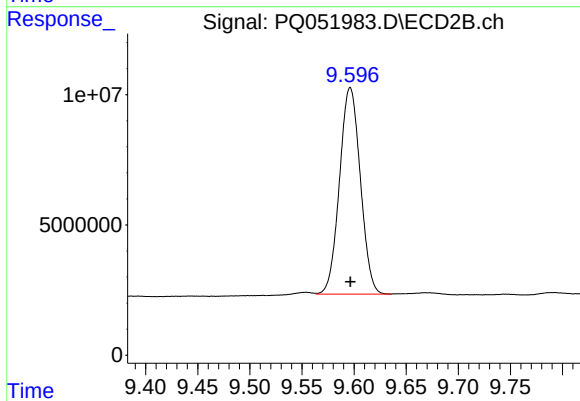
#1 Tetrachloro-m-xylene

R.T.: 4.263 min
Delta R.T.: 0.013 min
Response: 109559960
Conc: 15.04 ng/ml



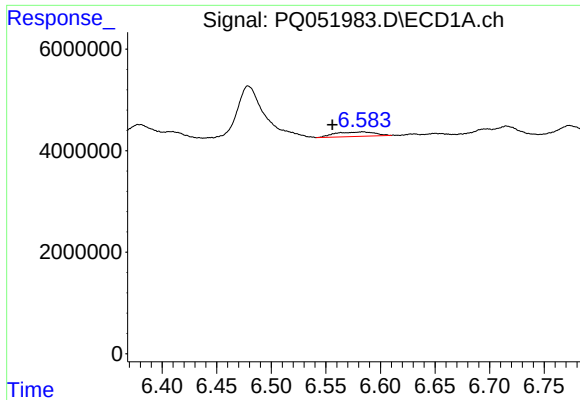
#2 Decachlorobiphenyl

R.T.: 11.425 min
Delta R.T.: 0.000 min
Response: 322605585
Conc: 16.37 ng/ml



#2 Decachlorobiphenyl

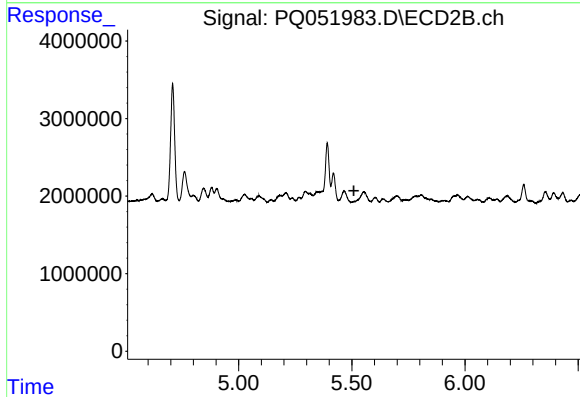
R.T.: 9.596 min
Delta R.T.: 0.000 min
Response: 110167362
Conc: 15.97 ng/ml



#3 AR-1016-1

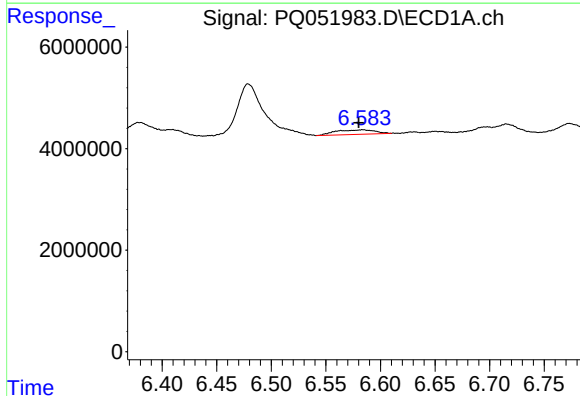
R.T.: 6.584 min
Delta R.T.: 0.028 min
Response: 2248650
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



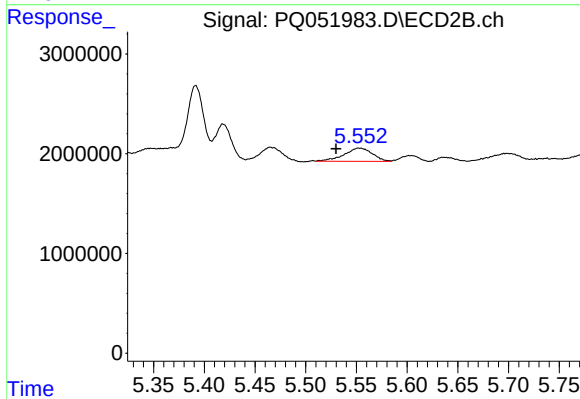
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



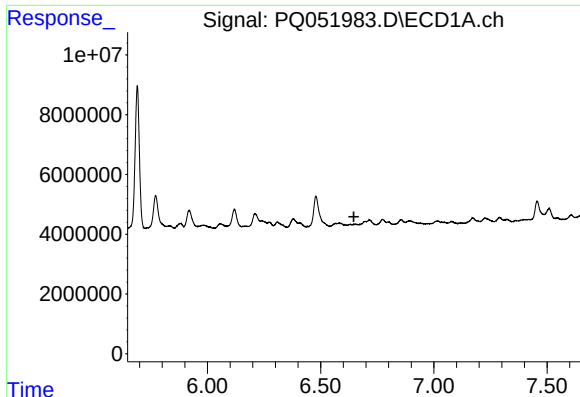
#4 AR-1016-2

R.T.: 6.584 min
Delta R.T.: 0.004 min
Response: 2248650
Conc: 1.89 ng/ml



#4 AR-1016-2

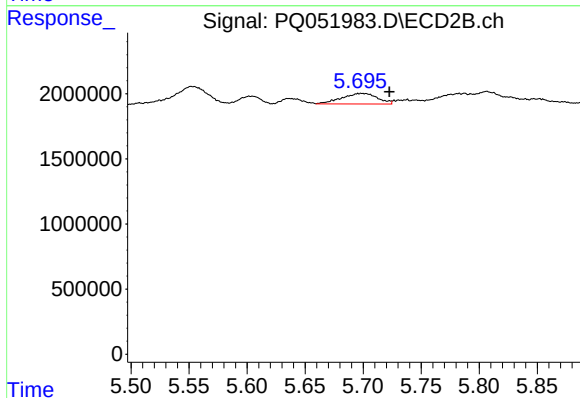
R.T.: 5.552 min
Delta R.T.: 0.022 min
Response: 2551527
Conc: 6.81 ng/ml



#5 AR-1016-3

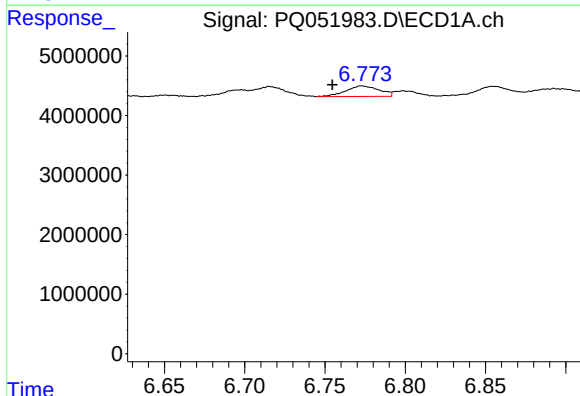
R.T.: 0.000 min
Exp R.T.: 6.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



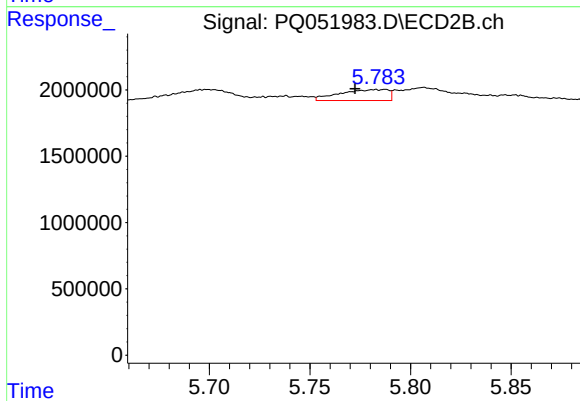
#5 AR-1016-3

R.T.: 5.696 min
Delta R.T.: -0.027 min
Response: 1752950
Conc: 9.10 ng/ml



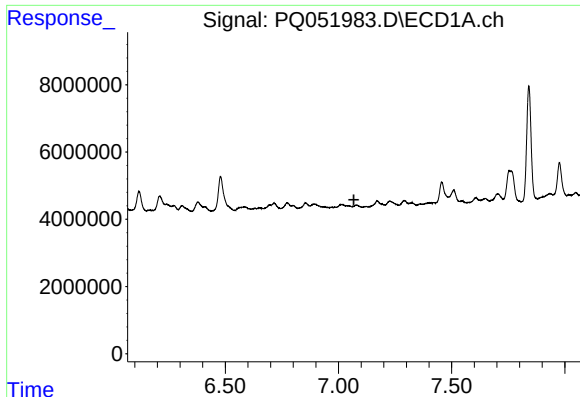
#6 AR-1016-4

R.T.: 6.773 min
Delta R.T.: 0.018 min
Response: 2541214
Conc: 4.23 ng/ml



#6 AR-1016-4

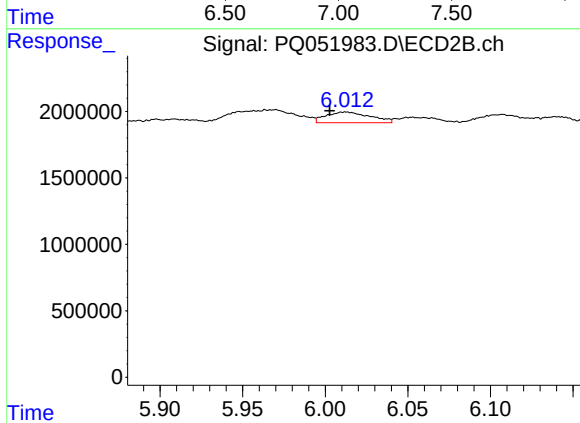
R.T.: 5.783 min
Delta R.T.: 0.010 min
Response: 1394395
Conc: 9.08 ng/ml



#7 AR-1016-5

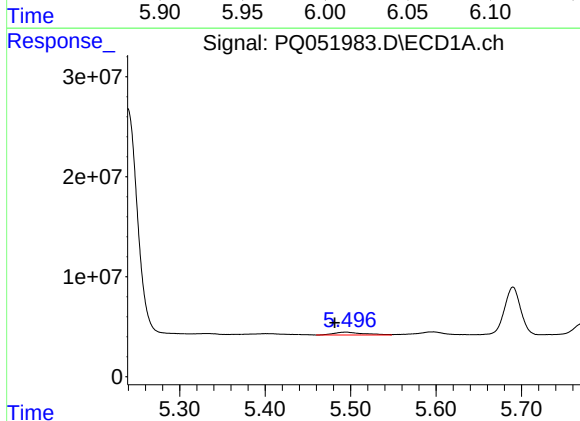
R.T.: 0.000 min
Exp R.T.: 7.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



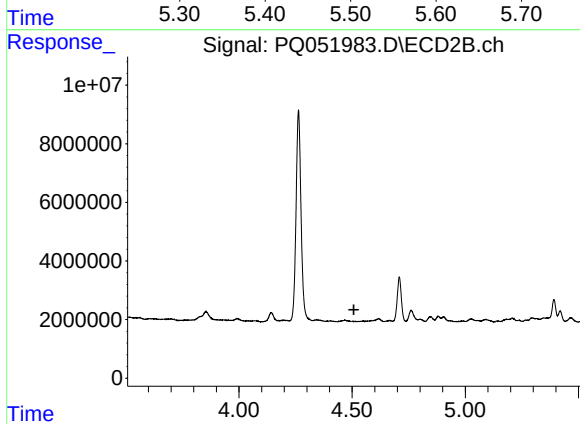
#7 AR-1016-5

R.T.: 6.013 min
Delta R.T.: 0.010 min
Response: 1509124
Conc: 7.74 ng/ml



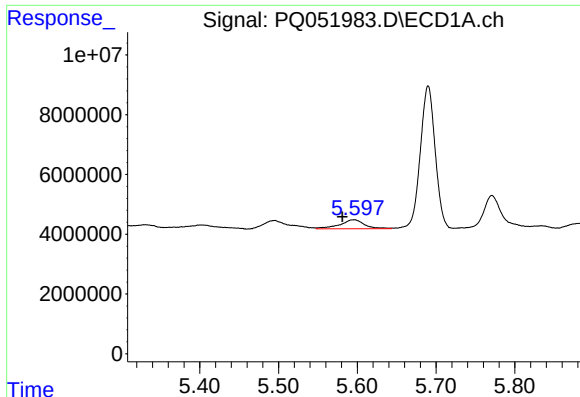
#8 AR-1221-1

R.T.: 5.496 min
Delta R.T.: 0.015 min
Response: 6713735
Conc: 28.24 ng/ml



#8 AR-1221-1

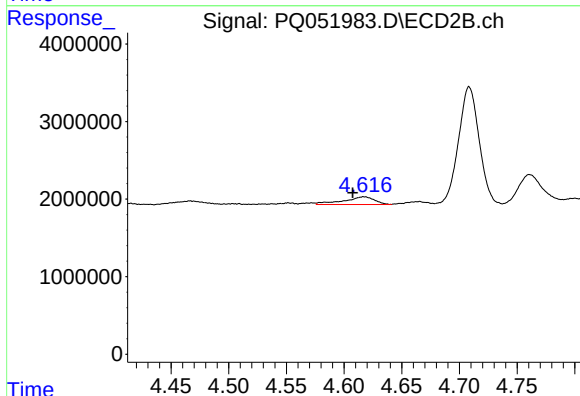
R.T.: 0.000 min
Exp R.T.: 4.508 min
Response: 0
Conc: N.D.



#9 AR-1221-2

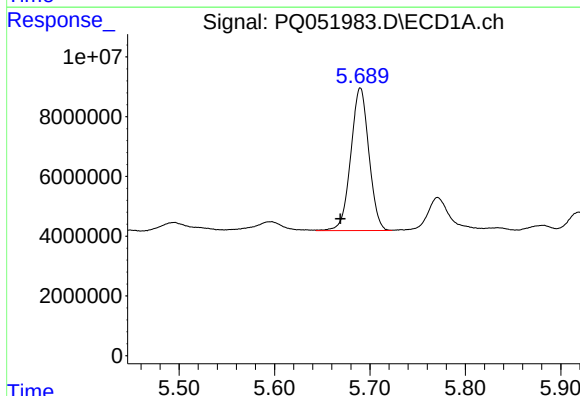
R.T.: 5.597 min
Delta R.T.: 0.016 min
Response: 6626322
Conc: 38.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



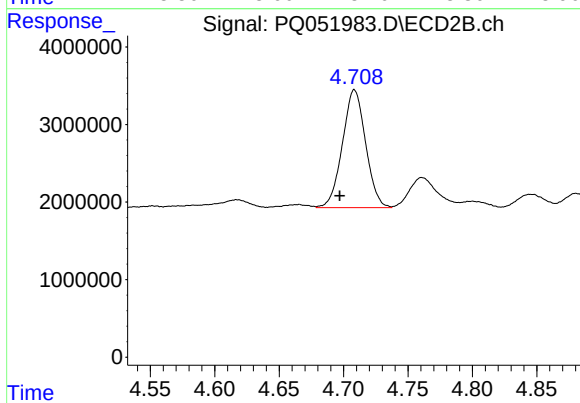
#9 AR-1221-2

R.T.: 4.617 min
Delta R.T.: 0.010 min
Response: 1867014
Conc: 32.38 ng/ml



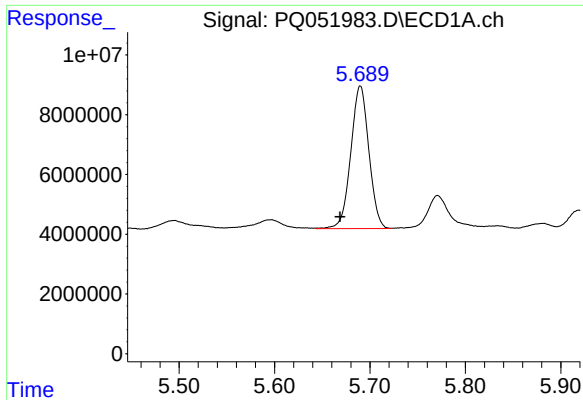
#10 AR-1221-3

R.T.: 5.690 min
Delta R.T.: 0.021 min
Response: 62874629
Conc: 113.30 ng/ml



#10 AR-1221-3

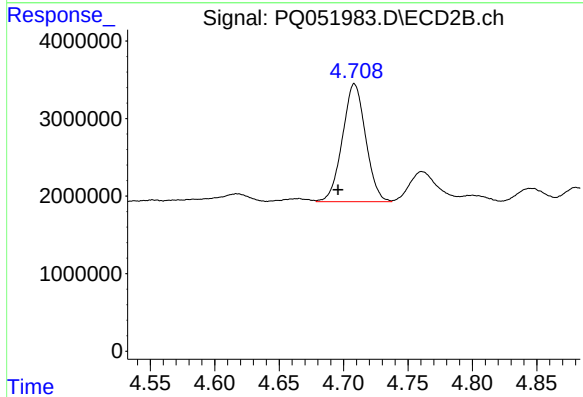
R.T.: 4.708 min
Delta R.T.: 0.011 min
Response: 19059429
Conc: 100.91 ng/ml



#11 AR-1232-1

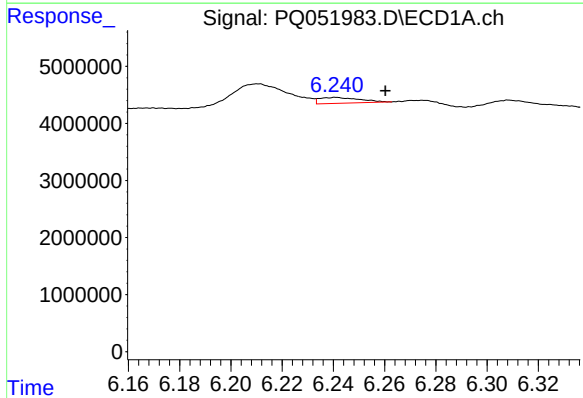
R.T.: 5.690 min
Delta R.T.: 0.021 min
Response: 62874629
Conc: 141.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



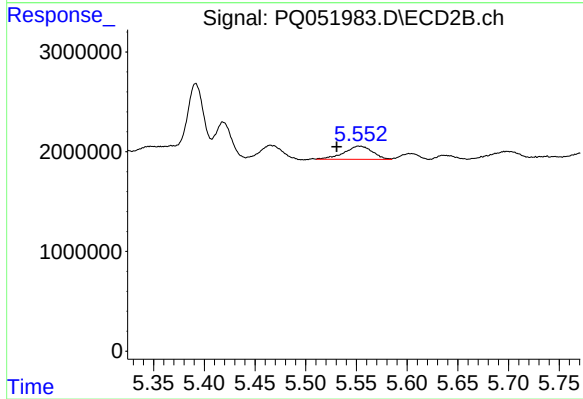
#11 AR-1232-1

R.T.: 4.708 min
Delta R.T.: 0.013 min
Response: 19059429
Conc: 126.52 ng/ml



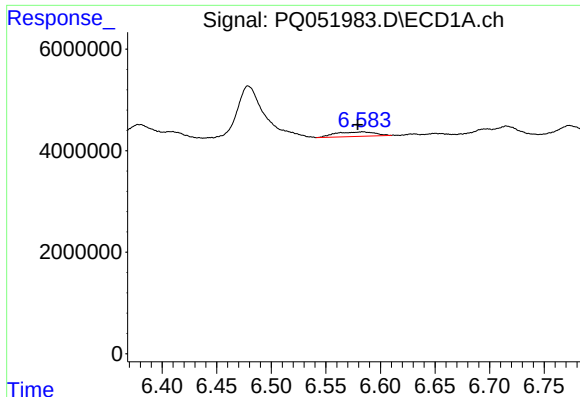
#12 AR-1232-2

R.T.: 6.241 min
Delta R.T.: -0.019 min
Response: 1110795
Conc: 4.61 ng/ml



#12 AR-1232-2

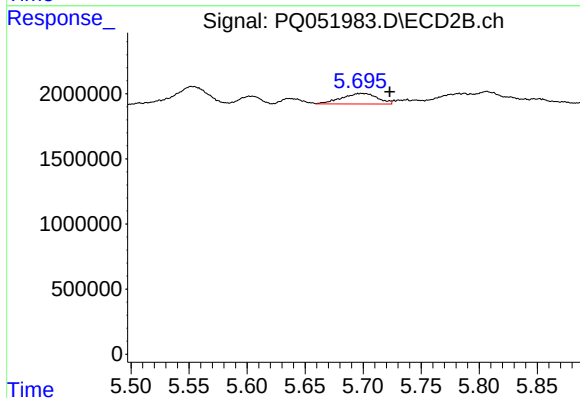
R.T.: 5.552 min
Delta R.T.: 0.021 min
Response: 2551527
Conc: 16.17 ng/ml



#13 AR-1232-3

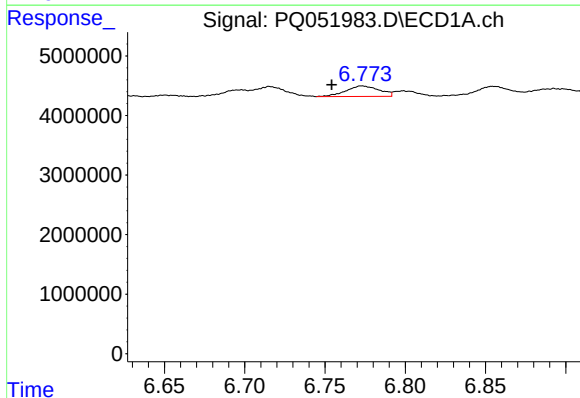
R.T.: 6.584 min
Delta R.T.: 0.005 min
Response: 2248650
Conc: 4.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



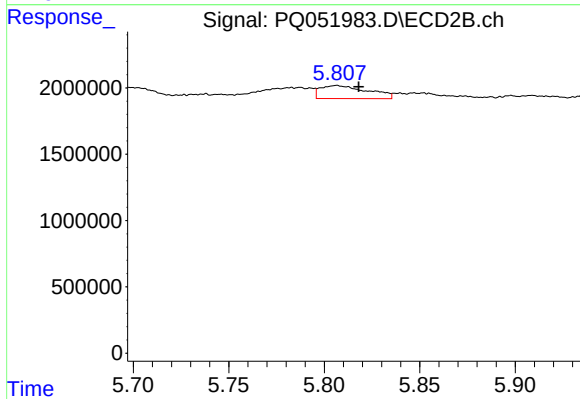
#13 AR-1232-3

R.T.: 5.696 min
Delta R.T.: -0.027 min
Response: 1752950
Conc: 21.97 ng/ml



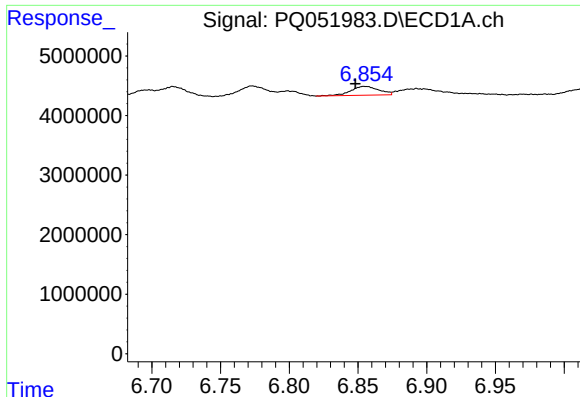
#14 AR-1232-4

R.T.: 6.773 min
Delta R.T.: 0.019 min
Response: 2541214
Conc: 10.66 ng/ml



#14 AR-1232-4

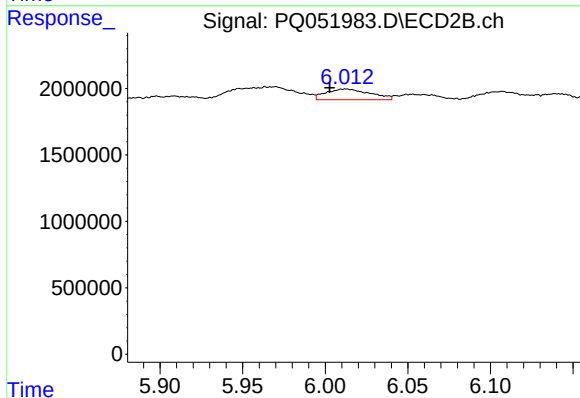
R.T.: 5.807 min
Delta R.T.: -0.011 min
Response: 1716437
Conc: 24.87 ng/ml



#15 AR-1232-5

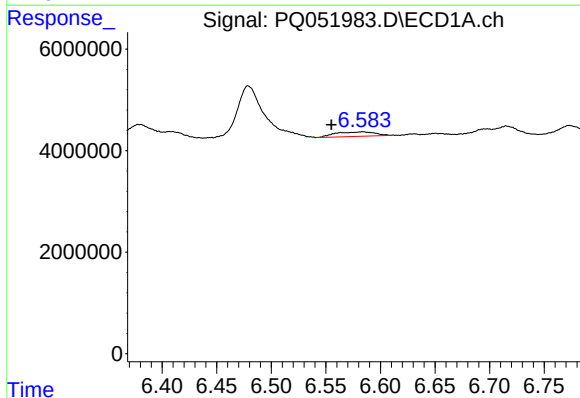
R.T.: 6.854 min
Delta R.T.: 0.006 min
Response: 2133043
Conc: 12.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



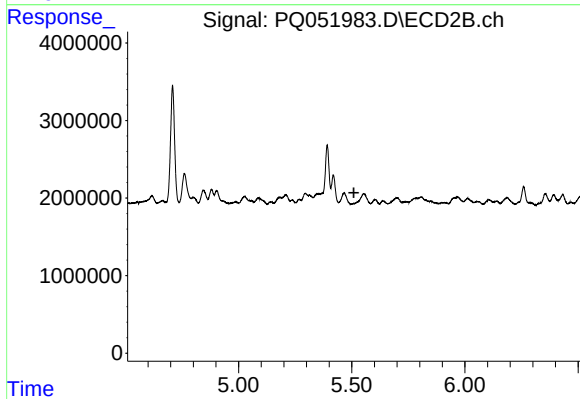
#15 AR-1232-5

R.T.: 6.013 min
Delta R.T.: 0.010 min
Response: 1509124
Conc: 20.10 ng/ml



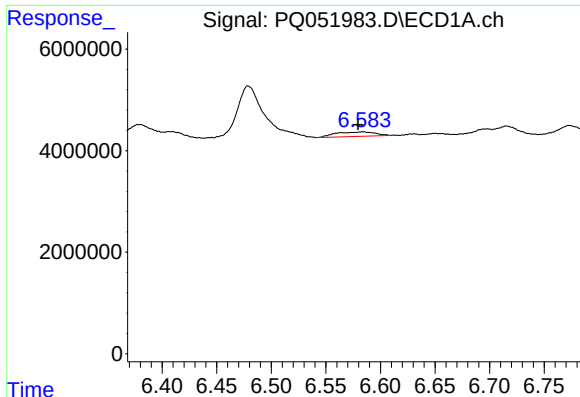
#16 AR-1242-1

R.T.: 6.584 min
Delta R.T.: 0.029 min
Response: 2248650
Conc: 3.66 ng/ml



#16 AR-1242-1

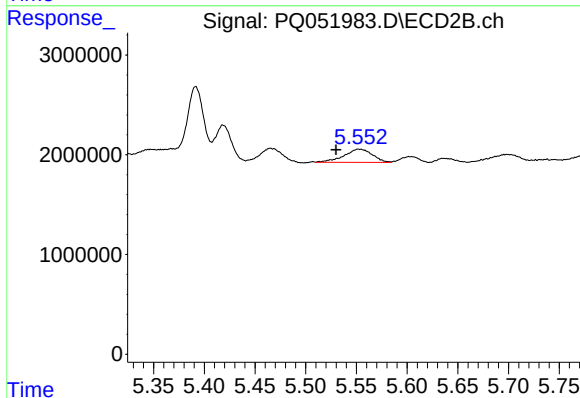
R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.



#17 AR-1242-2

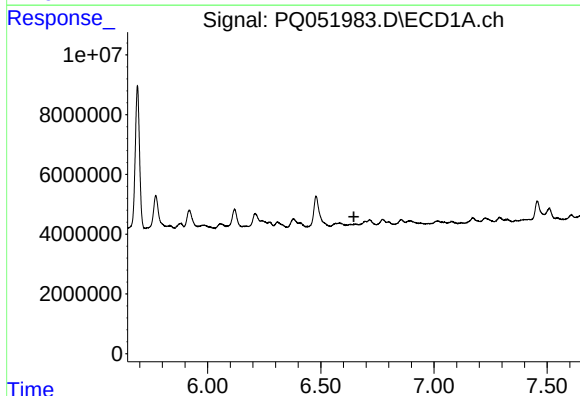
R.T.: 6.584 min
Delta R.T.: 0.004 min
Response: 2248650
Conc: 2.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



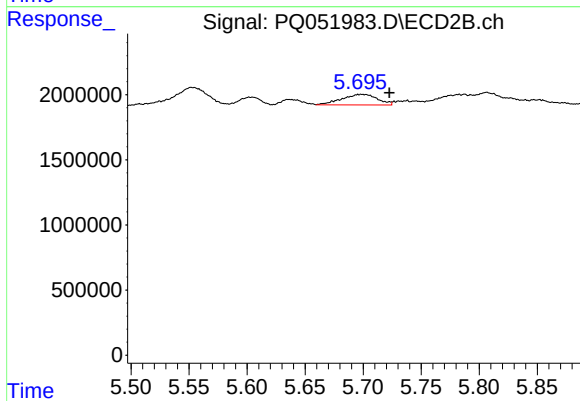
#17 AR-1242-2

R.T.: 5.552 min
Delta R.T.: 0.022 min
Response: 2551527
Conc: 9.25 ng/ml



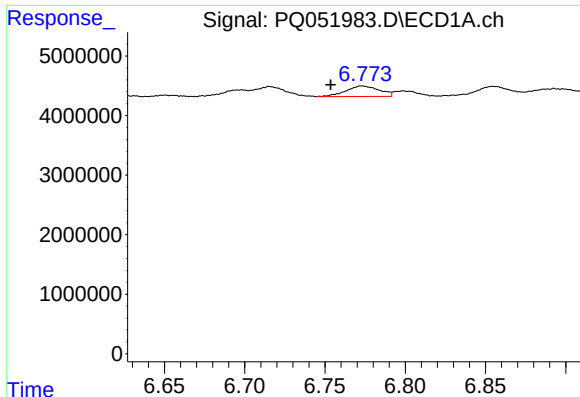
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.646 min
Response: 0
Conc: N.D.



#18 AR-1242-3

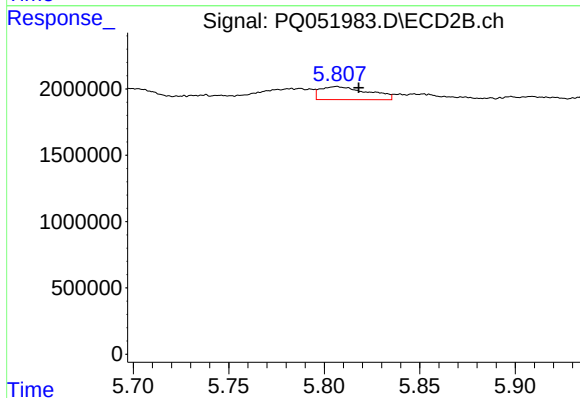
R.T.: 5.696 min
Delta R.T.: -0.027 min
Response: 1752950
Conc: 12.27 ng/ml



#19 AR-1242-4

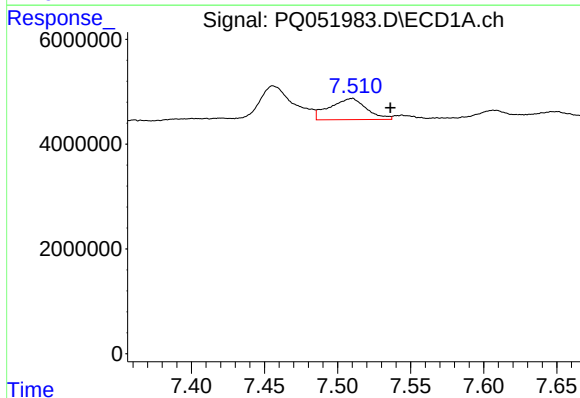
R.T.: 6.773 min
Delta R.T.: 0.019 min
Response: 2541214
Conc: 5.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



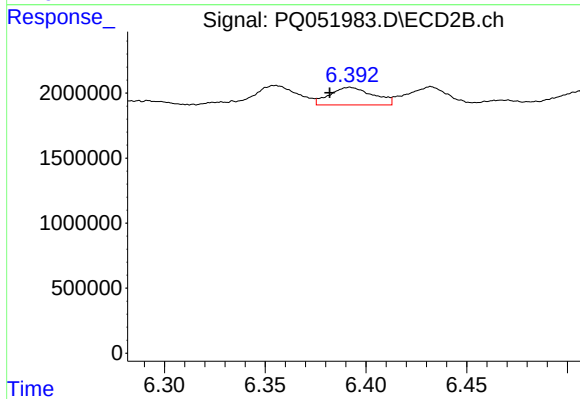
#19 AR-1242-4

R.T.: 5.807 min
Delta R.T.: -0.011 min
Response: 1716437
Conc: 12.62 ng/ml



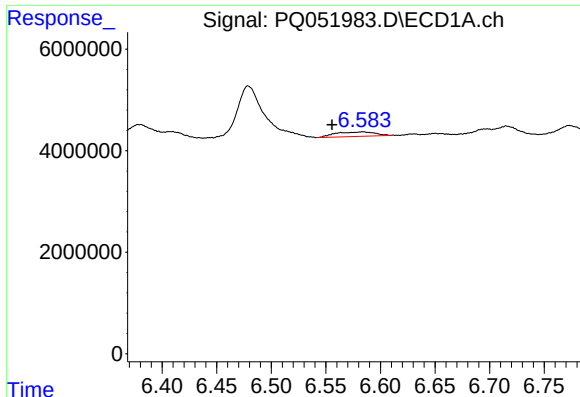
#20 AR-1242-5

R.T.: 7.510 min
Delta R.T.: -0.026 min
Response: 7090499
Conc: 13.83 ng/ml



#20 AR-1242-5

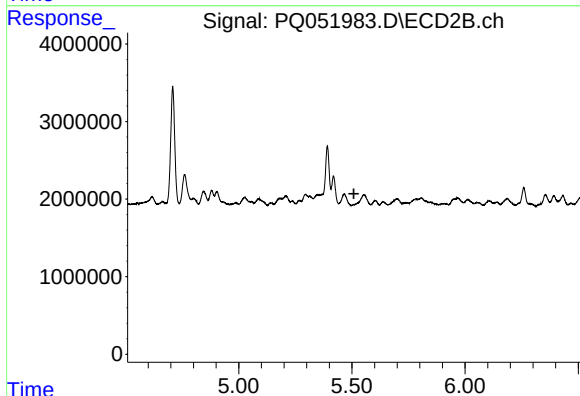
R.T.: 6.392 min
Delta R.T.: 0.010 min
Response: 2021006
Conc: 11.13 ng/ml



#21 AR-1248-1

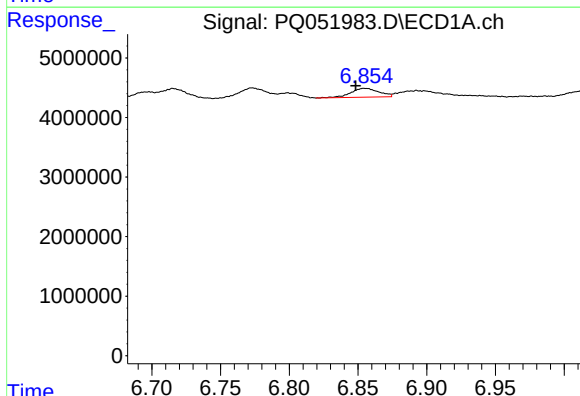
R.T.: 6.584 min
Delta R.T.: 0.028 min
Response: 2248650
Conc: 5.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



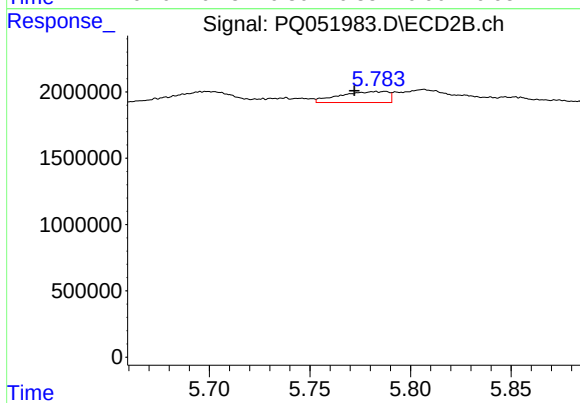
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



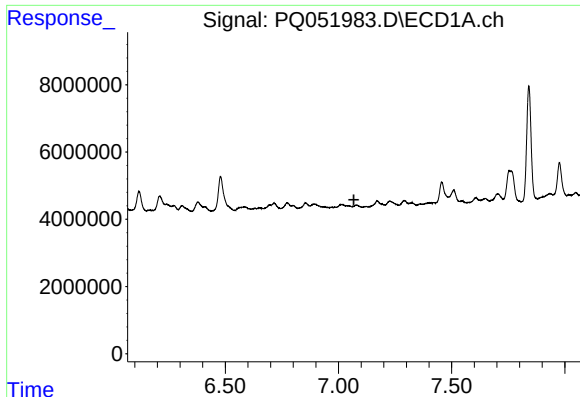
#22 AR-1248-2

R.T.: 6.854 min
Delta R.T.: 0.006 min
Response: 2133043
Conc: 3.31 ng/ml



#22 AR-1248-2

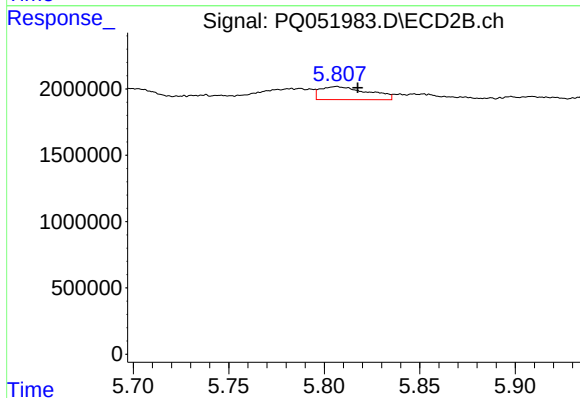
R.T.: 5.783 min
Delta R.T.: 0.011 min
Response: 1394395
Conc: 6.85 ng/ml



#23 AR-1248-3

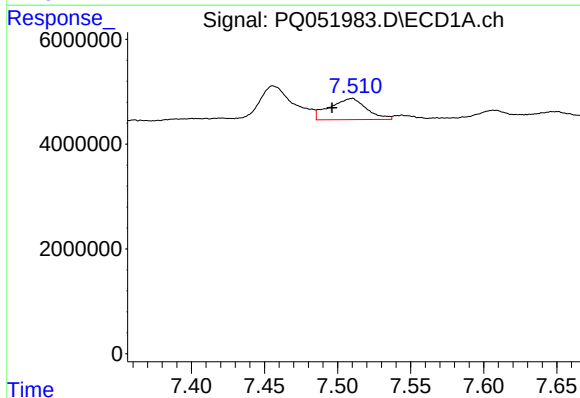
R.T.: 0.000 min
Exp R.T.: 7.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



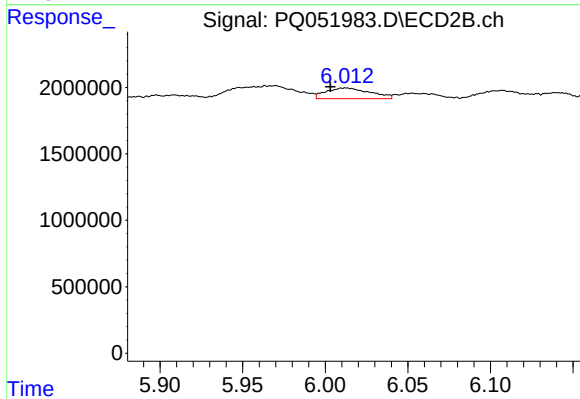
#23 AR-1248-3

R.T.: 5.807 min
Delta R.T.: -0.011 min
Response: 1716437
Conc: 8.14 ng/ml



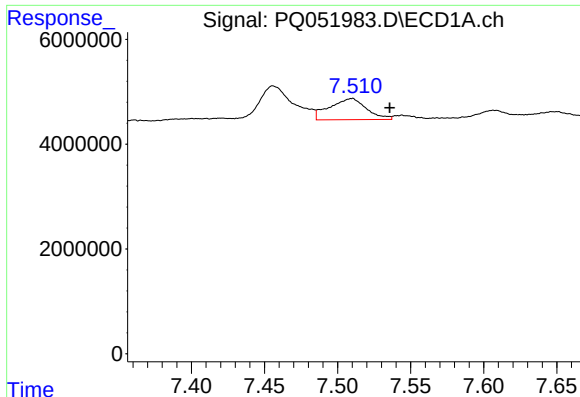
#24 AR-1248-4

R.T.: 7.510 min
Delta R.T.: 0.014 min
Response: 7090499
Conc: 8.19 ng/ml



#24 AR-1248-4

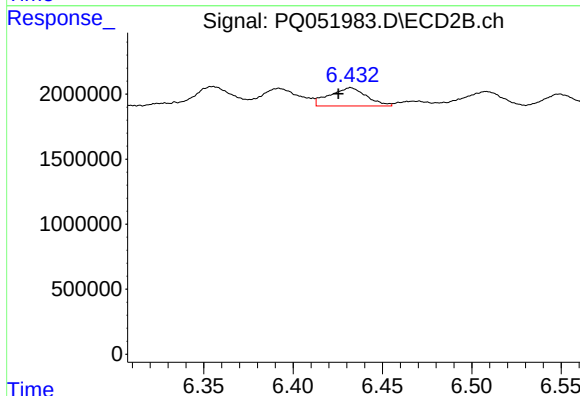
R.T.: 6.013 min
Delta R.T.: 0.010 min
Response: 1509124
Conc: 6.06 ng/ml



#25 AR-1248-5

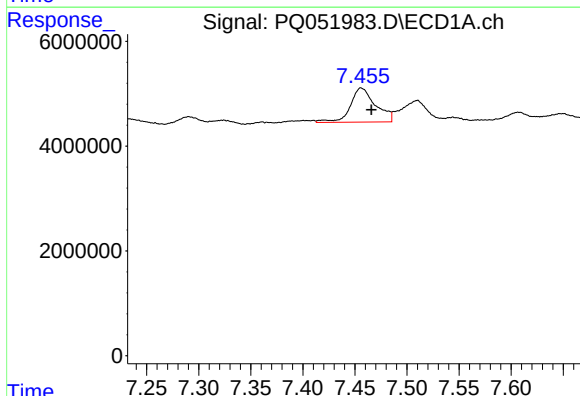
R.T.: 7.510 min
Delta R.T.: -0.025 min
Response: 7090499
Conc: 8.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



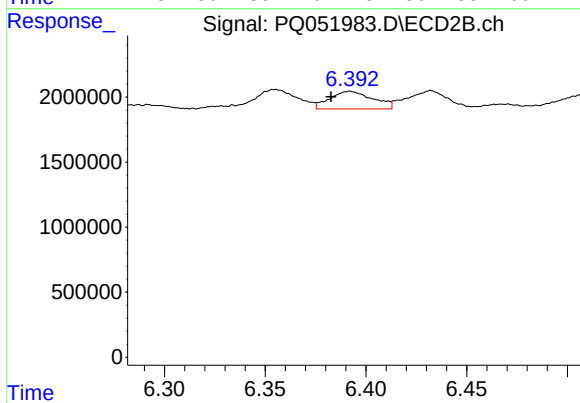
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: 0.007 min
Response: 2026954
Conc: 7.89 ng/ml



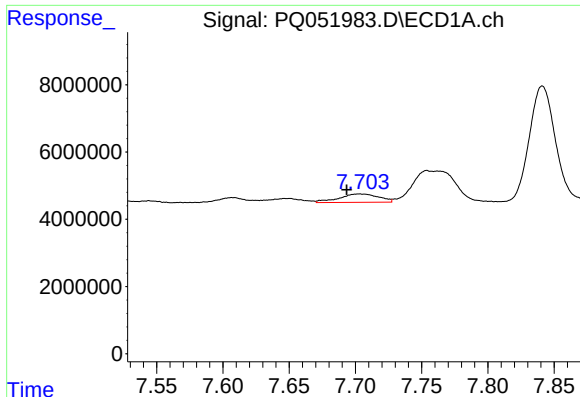
#26 AR-1254-1

R.T.: 7.456 min
Delta R.T.: -0.010 min
Response: 11008712
Conc: 12.26 ng/ml



#26 AR-1254-1

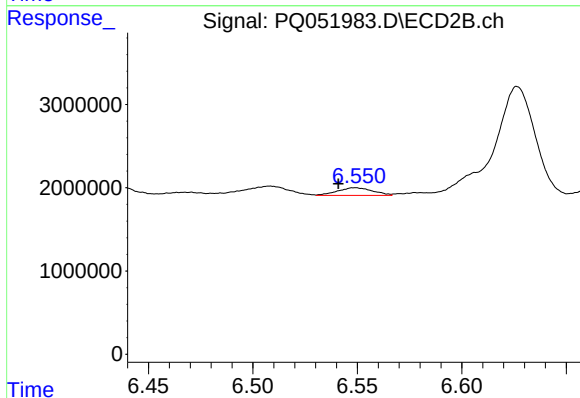
R.T.: 6.392 min
Delta R.T.: 0.009 min
Response: 2021006
Conc: 4.89 ng/ml



#27 AR-1254-2

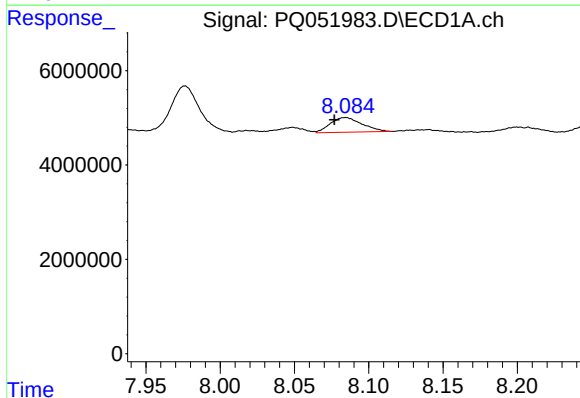
R.T.: 7.703 min
Delta R.T.: 0.010 min
Response: 5193108
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



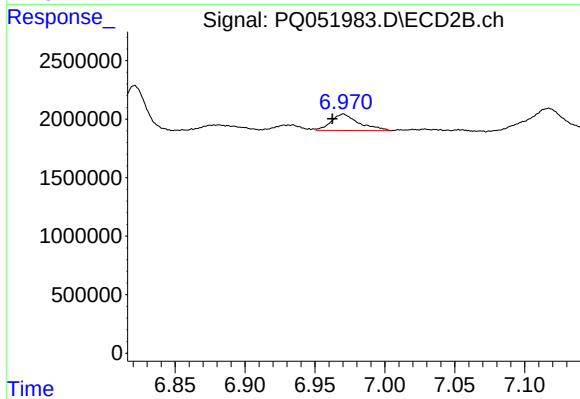
#27 AR-1254-2

R.T.: 6.549 min
Delta R.T.: 0.008 min
Response: 1092998
Conc: 3.07 ng/ml



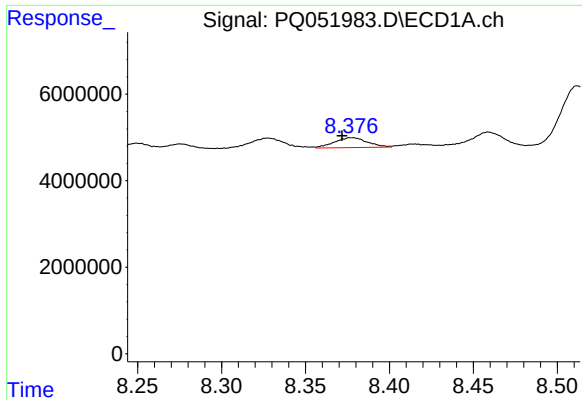
#28 AR-1254-3

R.T.: 8.084 min
Delta R.T.: 0.007 min
Response: 4654354
Conc: 3.03 ng/ml



#28 AR-1254-3

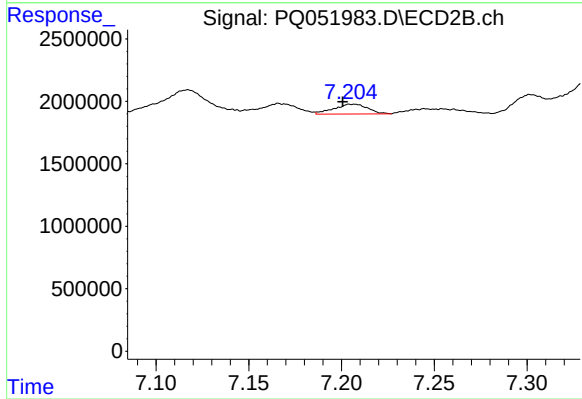
R.T.: 6.970 min
Delta R.T.: 0.008 min
Response: 1936265
Conc: 3.29 ng/ml



#29 AR-1254-4

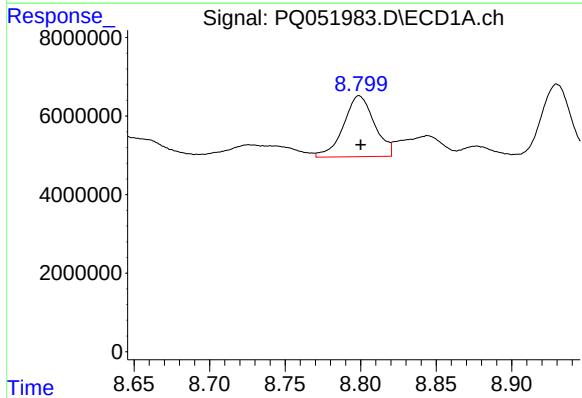
R.T.: 8.378 min
Delta R.T.: 0.006 min
Response: 3161606
Conc: 2.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



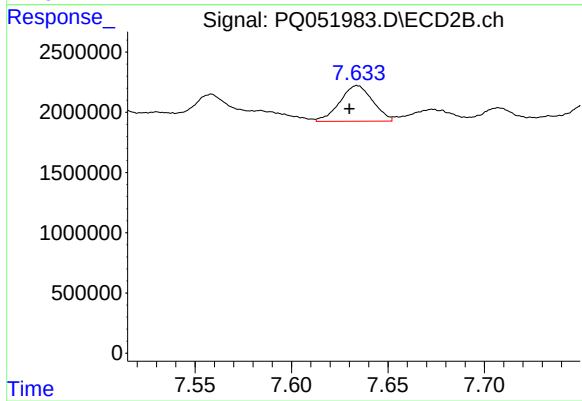
#29 AR-1254-4

R.T.: 7.204 min
Delta R.T.: 0.004 min
Response: 1002972
Conc: 2.93 ng/ml



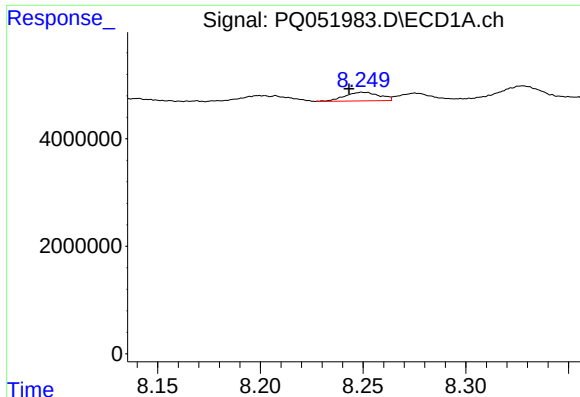
#30 AR-1254-5

R.T.: 8.799 min
Delta R.T.: -0.001 min
Response: 22082766
Conc: 18.67 ng/ml



#30 AR-1254-5

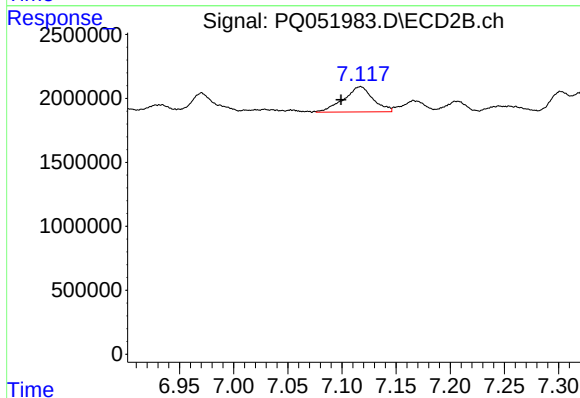
R.T.: 7.634 min
Delta R.T.: 0.004 min
Response: 3512875
Conc: 7.00 ng/ml



#31 AR-1260-1

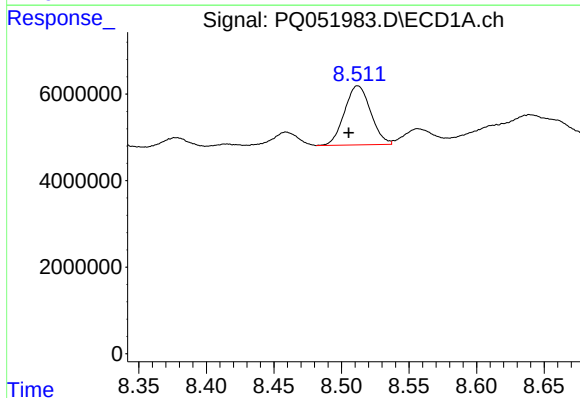
R.T.: 8.250 min
Delta R.T.: 0.007 min
Response: 1872518
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



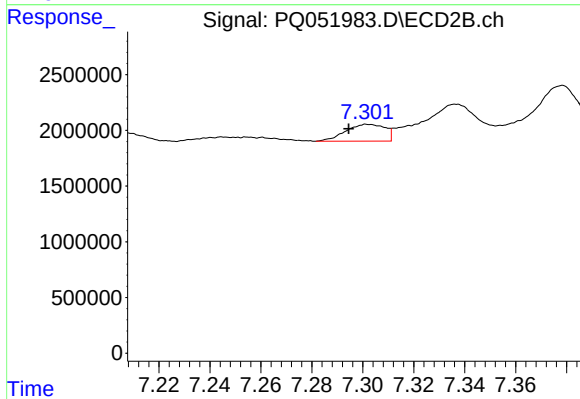
#31 AR-1260-1

R.T.: 7.117 min
Delta R.T.: 0.018 min
Response: 3751140
Conc: 10.18 ng/ml



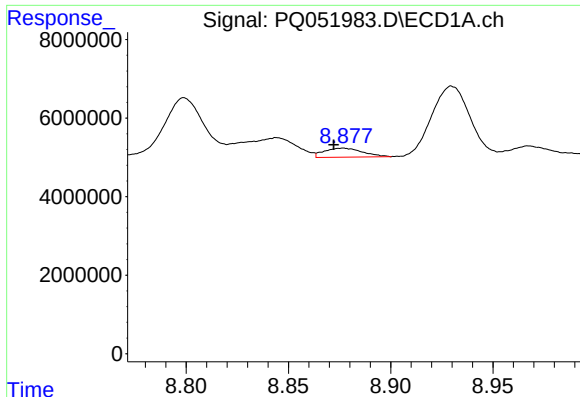
#32 AR-1260-2

R.T.: 8.512 min
Delta R.T.: 0.007 min
Response: 18400153
Conc: 14.54 ng/ml



#32 AR-1260-2

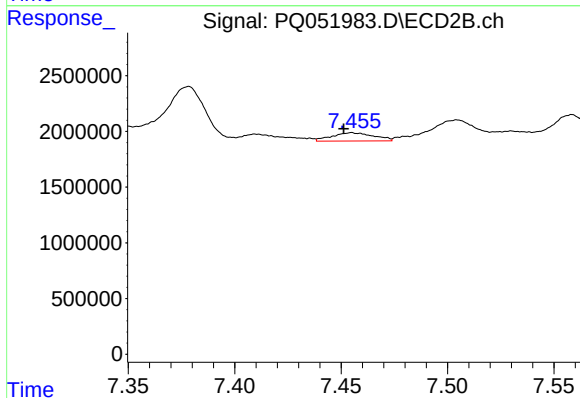
R.T.: 7.302 min
Delta R.T.: 0.007 min
Response: 1613532
Conc: 3.52 ng/ml



#33 AR-1260-3

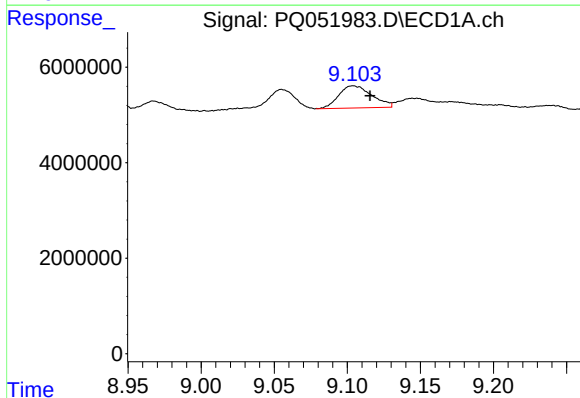
R.T.: 8.877 min
Delta R.T.: 0.004 min
Response: 2990517
Conc: 3.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



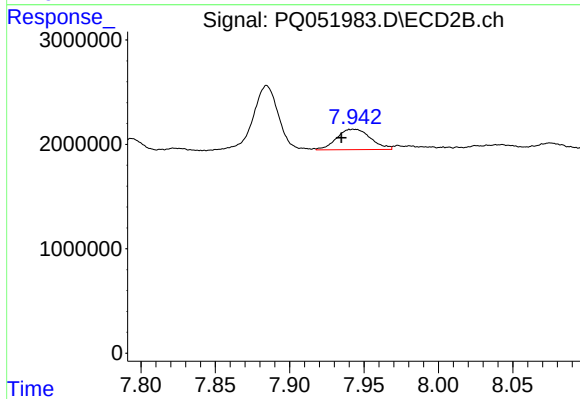
#33 AR-1260-3

R.T.: 7.455 min
Delta R.T.: 0.004 min
Response: 1008000
Conc: 2.38 ng/ml



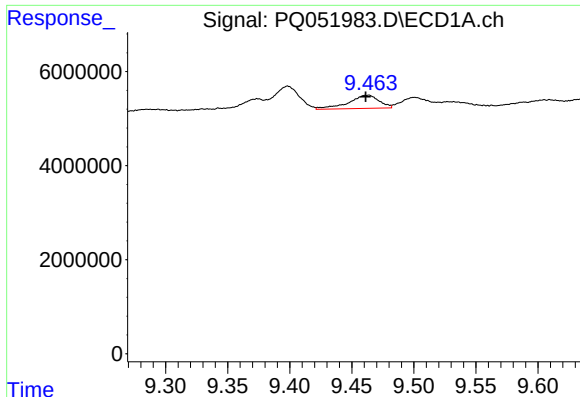
#34 AR-1260-4

R.T.: 9.104 min
Delta R.T.: -0.012 min
Response: 7325967
Conc: 6.60 ng/ml



#34 AR-1260-4

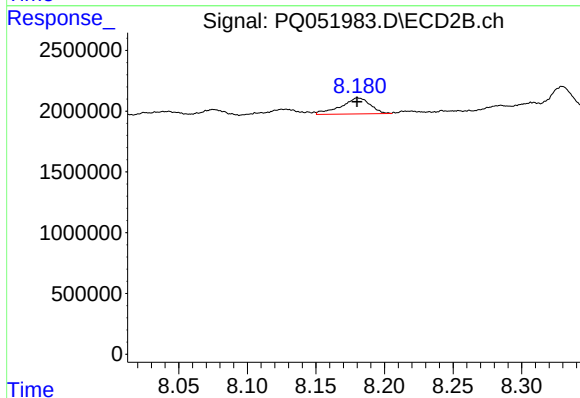
R.T.: 7.943 min
Delta R.T.: 0.008 min
Response: 3092274
Conc: 8.64 ng/ml



#35 AR-1260-5

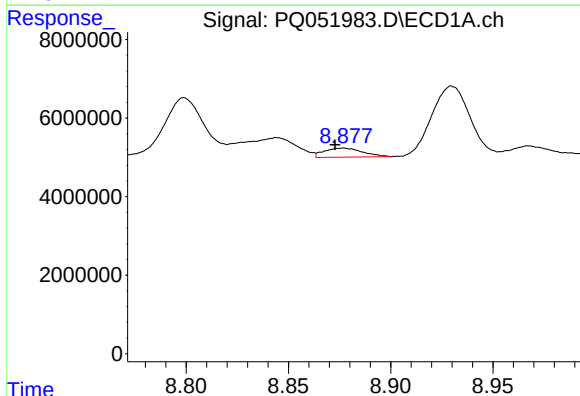
R.T.: 9.463 min
Delta R.T.: 0.002 min
Response: 4797122
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



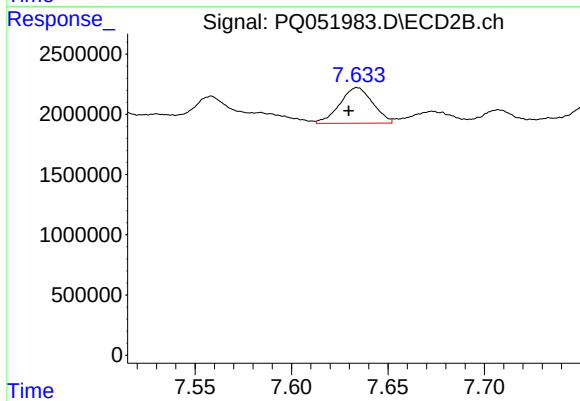
#35 AR-1260-5

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 1938984
Conc: 2.26 ng/ml



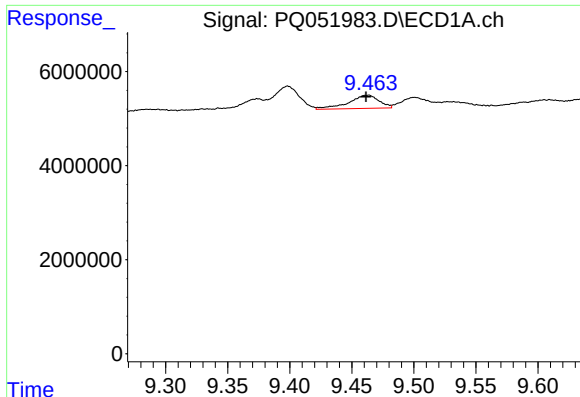
#36 AR-1262-1

R.T.: 8.877 min
Delta R.T.: 0.004 min
Response: 2990517
Conc: 2.11 ng/ml



#36 AR-1262-1

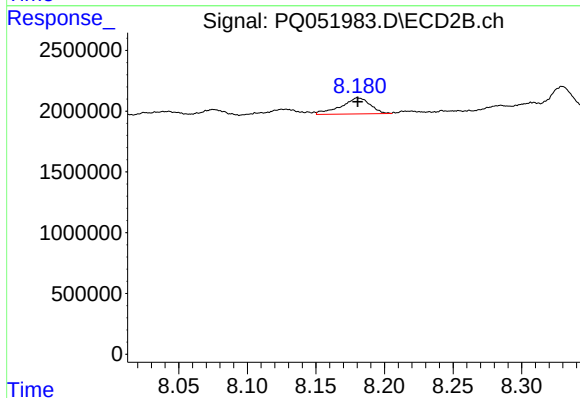
R.T.: 7.634 min
Delta R.T.: 0.004 min
Response: 3512875
Conc: 13.77 ng/ml



#37 AR-1262-2

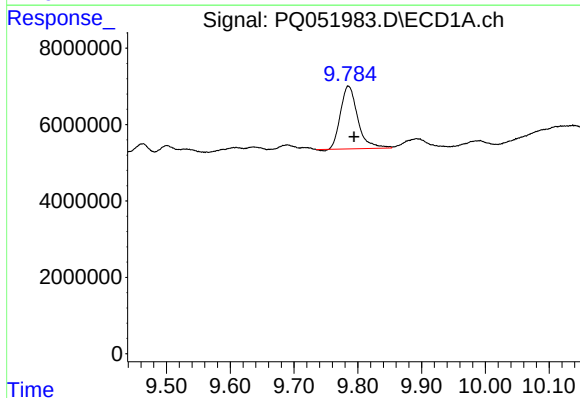
R.T.: 9.463 min
Delta R.T.: 0.002 min
Response: 4797122
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



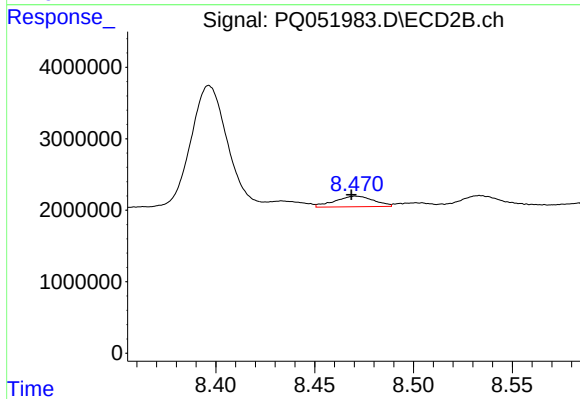
#37 AR-1262-2

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 1938984
Conc: 2.03 ng/ml



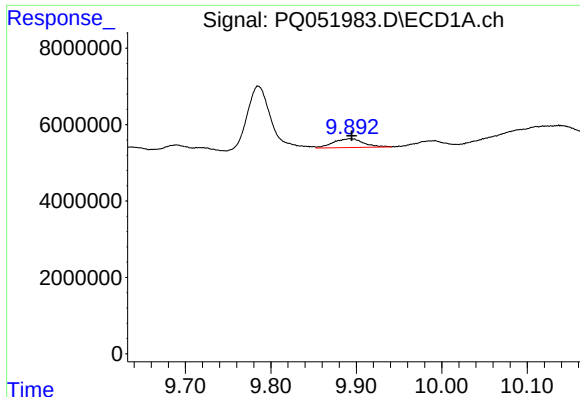
#38 AR-1262-3

R.T.: 9.785 min
Delta R.T.: -0.009 min
Response: 30859156
Conc: 28.30 ng/ml



#38 AR-1262-3

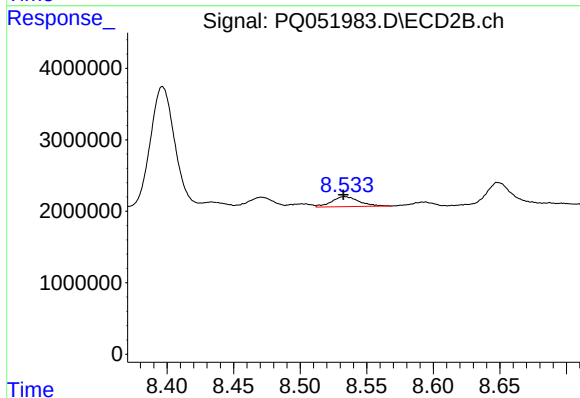
R.T.: 8.471 min
Delta R.T.: 0.002 min
Response: 2032438
Conc: 5.46 ng/ml



#39 AR-1262-4

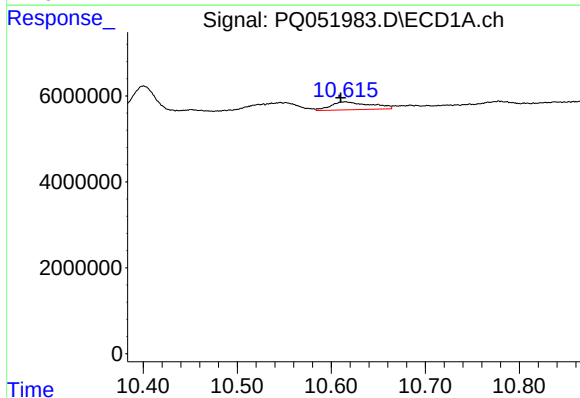
R.T.: 9.892 min
Delta R.T.: -0.002 min
Response: 5665899
Conc: 9.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



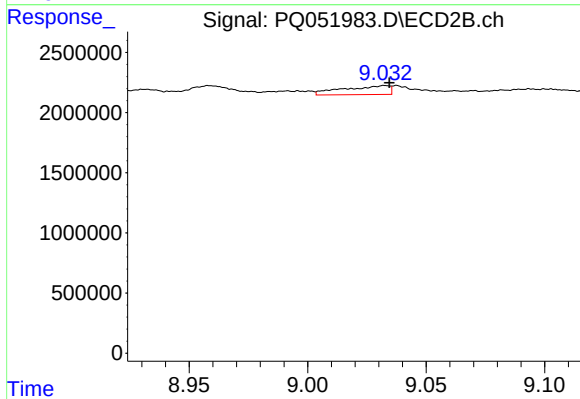
#39 AR-1262-4

R.T.: 8.534 min
Delta R.T.: 0.001 min
Response: 1995813
Conc: 2.91 ng/ml



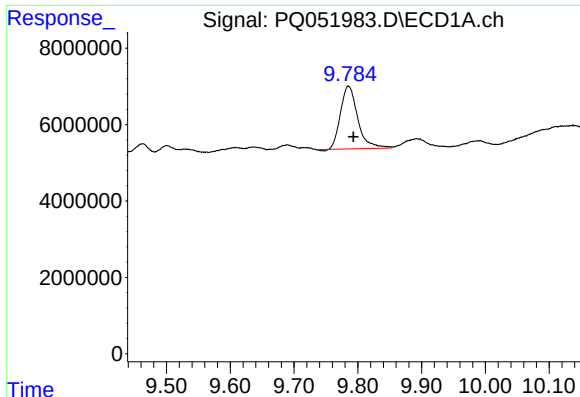
#40 AR-1262-5

R.T.: 10.615 min
Delta R.T.: 0.005 min
Response: 5360789
Conc: 6.47 ng/ml



#40 AR-1262-5

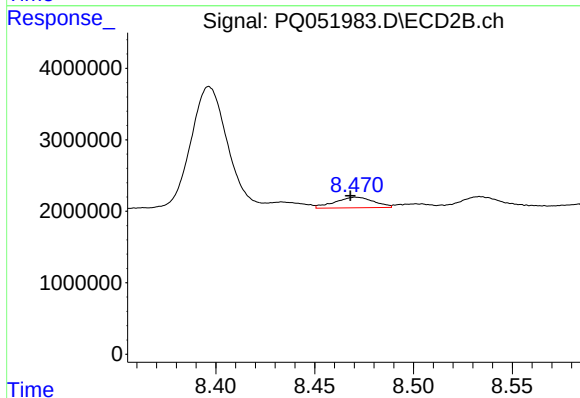
R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 1003210
Conc: 3.46 ng/ml



#41 AR-1268-1

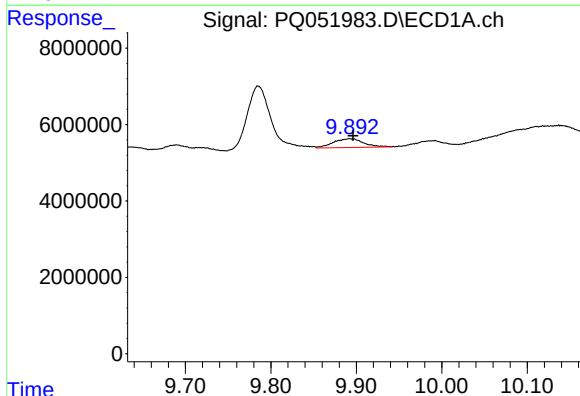
R.T.: 9.785 min
Delta R.T.: -0.008 min
Response: 30859156
Conc: 10.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



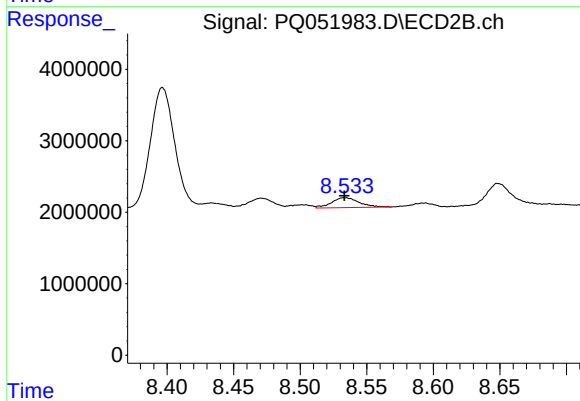
#41 AR-1268-1

R.T.: 8.471 min
Delta R.T.: 0.003 min
Response: 2032438
Conc: 1.71 ng/ml



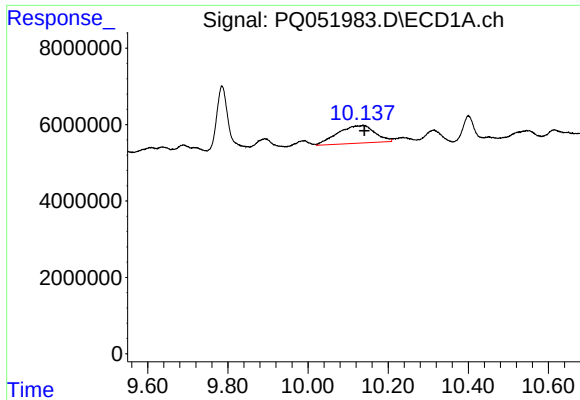
#42 AR-1268-2

R.T.: 9.892 min
Delta R.T.: -0.004 min
Response: 5665899
Conc: 2.05 ng/ml



#42 AR-1268-2

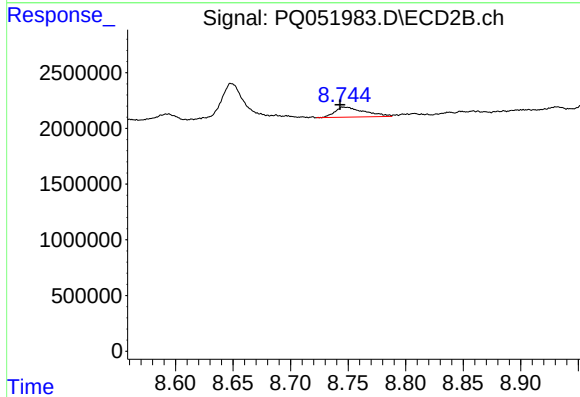
R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 1995813
Conc: 1.82 ng/ml



#43 AR-1268-3

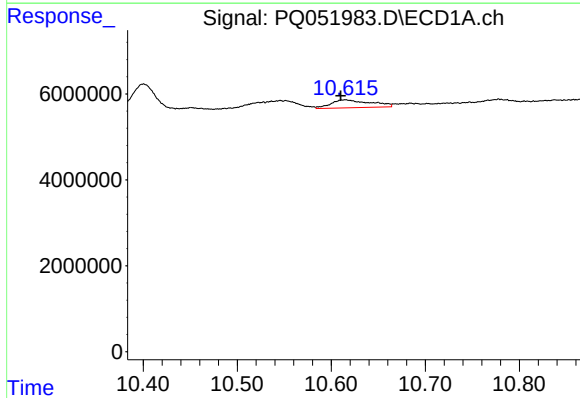
R.T.: 10.137 min
Delta R.T.: -0.003 min
Response: 29922120
Conc: 12.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



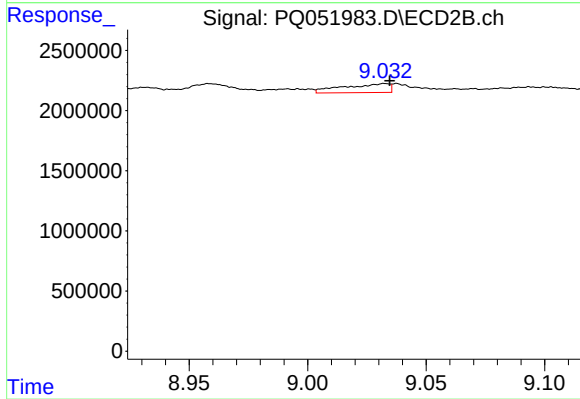
#43 AR-1268-3

R.T.: 8.745 min
Delta R.T.: 0.003 min
Response: 1628566
Conc: 1.70 ng/ml



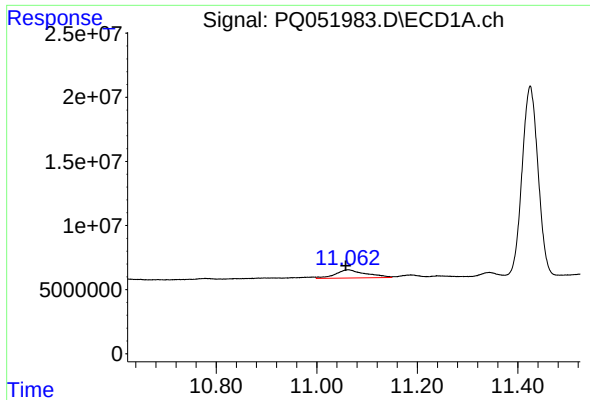
#44 AR-1268-4

R.T.: 10.615 min
Delta R.T.: 0.005 min
Response: 5360789
Conc: 5.76 ng/ml



#44 AR-1268-4

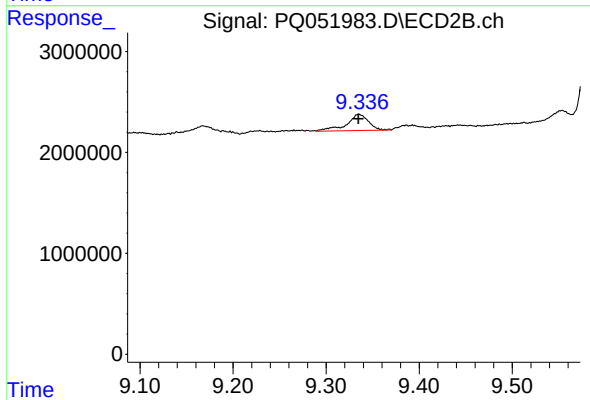
R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 1003210
Conc: 2.92 ng/ml



#45 AR-1268-5

R.T.: 11.063 min
Delta R.T.: 0.005 min
Response: 26836605
Conc: 3.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.335 min
Delta R.T.: 0.000 min
Response: 2640840
Conc: 0.94 ng/ml