

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082120\
 Data File : PQ049533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2020 17:41
 Operator : DD\AJ
 Sample : MDL-AR1268-W-4
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-AR1268-W-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 01:12:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 20 06:27:32 2020
 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...	5.250	4.289	123.0E6	71791054	22.589	20.255
2) SA Decachlor...	11.475	9.645	319.2E6	202.5E6	32.995	35.806
Target Compounds						
3) L1 AR-1016-1	6.524	5.535	875169	515653	3.849	3.066
4) L1 AR-1016-2	0.000	5.577	0	453236	N.D.	1.977 #
5) L1 AR-1016-3	0.000	5.765	0	589635	N.D.	4.939 #
6) L1 AR-1016-4	0.000	5.838	0	665074	N.D.	7.509 #
8) L2 AR-1221-1	0.000	4.486	0	330318	N.D.	7.753 #
9) L2 AR-1221-2	5.606	4.646	1975078	1136176	39.558	35.709
12) L3 AR-1232-2	6.310	5.577	1010300	453236	15.098	4.683 #
13) L3 AR-1232-3	0.000	5.765	0	589635	N.D.	12.031 #
14) L3 AR-1232-4	0.000	5.838	0	665074	N.D.	15.181 #
16) L4 AR-1242-1	6.524	5.535	875169	515653	4.513	3.715
17) L4 AR-1242-2	0.000	5.577	0	453236	N.D.	2.396 #
18) L4 AR-1242-3	0.000	5.765	0	589635	N.D.	5.967 #
19) L4 AR-1242-4	0.000	5.838	0	665074	N.D.	6.995 #
20) L4 AR-1242-5	7.517	6.466	777441	788873	4.310	5.519 #
21) L5 AR-1248-1	6.524	5.535	875169	515653	5.907	4.852
22) L5 AR-1248-2	0.000	5.838	0	665074	N.D.	5.107 #
23) L5 AR-1248-3	0.000	5.838	0	665074	N.D.	4.881 #
24) L5 AR-1248-4	7.517	6.063	777441	-165471	2.582	N.D. #
25) L5 AR-1248-5	7.517	6.466	777441	788873	2.749	4.122 #
26) L6 AR-1254-1	7.482	6.466	1435704	788873	4.811	2.577 #
27) L6 AR-1254-2	0.000	6.588	0	1069082	N.D.	3.802 #
29) L6 AR-1254-4	8.397	7.193	72368	174322	0.164	0.513 #
30) L6 AR-1254-5	8.904	7.683	5740281	217958	12.365	0.485 #
31) L7 AR-1260-1	0.000	7.178	0	406537	N.D.	1.404 #
32) L7 AR-1260-2	8.609	7.341	106394	449479	0.235	1.165 #
33) L7 AR-1260-3	8.904	7.503	5740281	379484	14.702	1.169 #
34) L7 AR-1260-4	9.164	7.975	6553789	6736032	15.494	23.081 #
35) L7 AR-1260-5	9.502	8.222	3223054	2374980	3.286	2.988
36) L8 AR-1262-1	8.904	7.683	5740281	217958	9.528	0.914 #
37) L8 AR-1262-2	9.502	8.222	3223054	2374980	2.722	2.512
38) L8 AR-1262-3	9.832	8.509	32081108	24217460	55.816	62.308
39) L8 AR-1262-4	9.937	8.575	30253161	20765631	44.829	30.319 #
40) L8 AR-1262-5	10.662	9.078	12678804	7628804	24.391	22.982
41) L9 AR-1268-1	9.832	8.509	32081108	24217460	20.207	20.389
42) L9 AR-1268-2	9.937	8.575	30253161	20765631	20.244	19.442
43) L9 AR-1268-3	10.181	8.784	29487570	20065366	22.222	22.275
44) L9 AR-1268-4	10.662	9.078	12678804	7628804	20.673	19.633
45) L9 AR-1268-5	11.111	9.381	82061404	50657374	19.835	18.814

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082120\
Data File : PQ049533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2020 17:41
Operator : DD\AJ
Sample : MDL-AR1268-W-4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 01:12:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 20 06:27:32 2020
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
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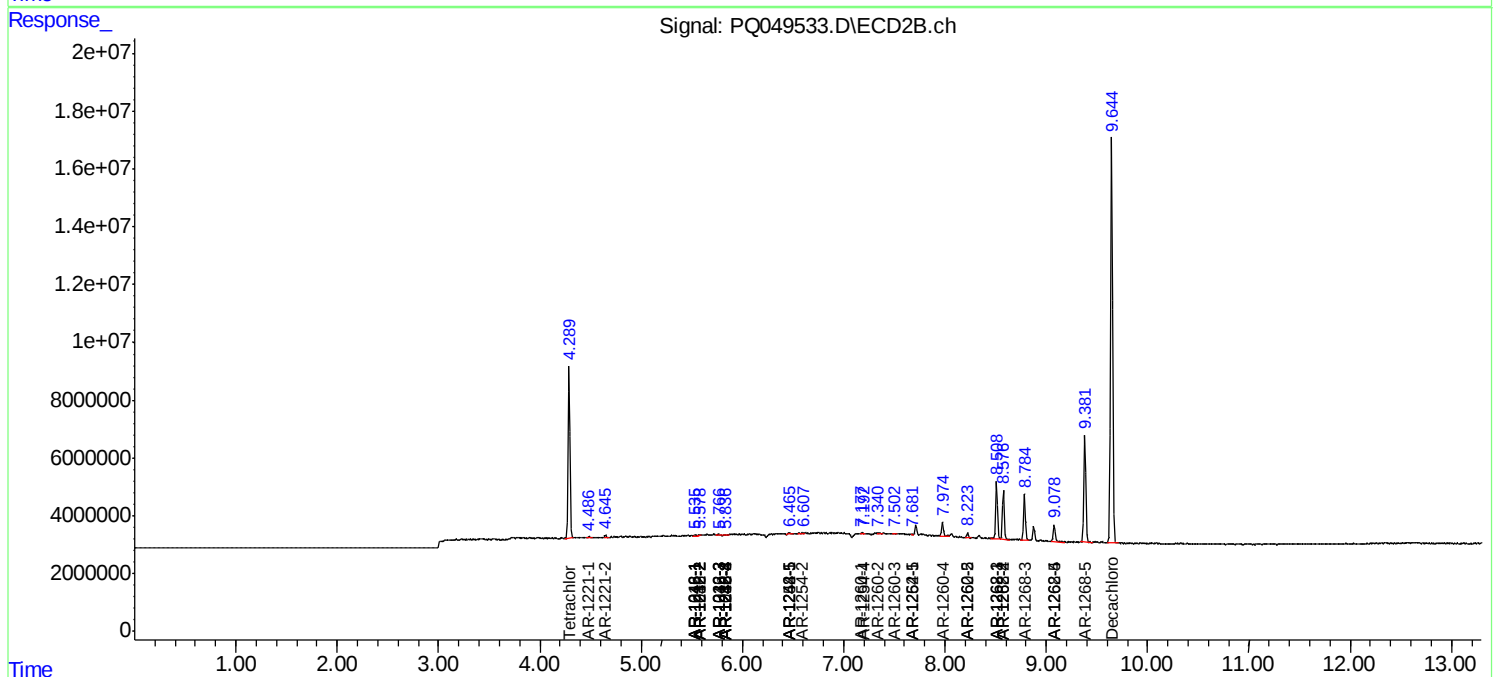
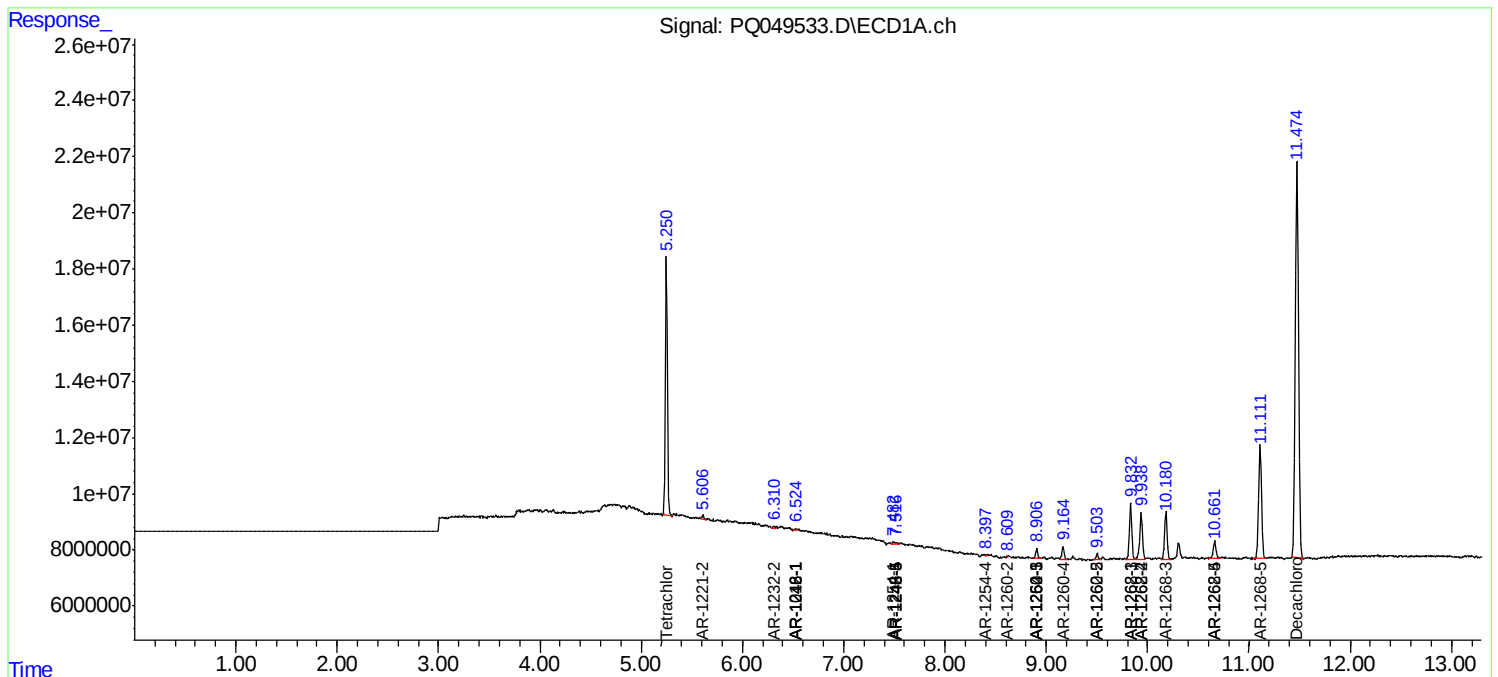
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

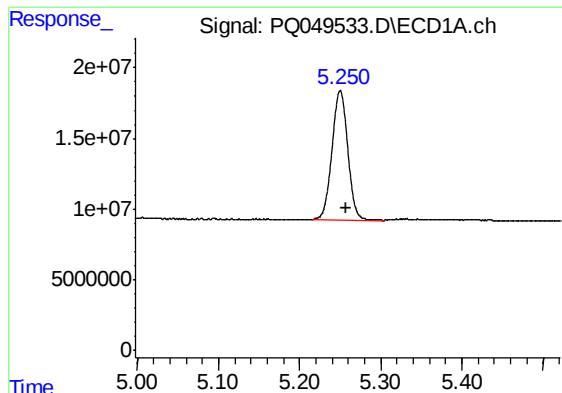
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082120\
Data File : PQ049533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2020 17:41
Operator : DD\AJ
Sample : MDL-AR1268-W-4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :
MDL-AR1268-W-4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 01:12:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 20 06:27:32 2020
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

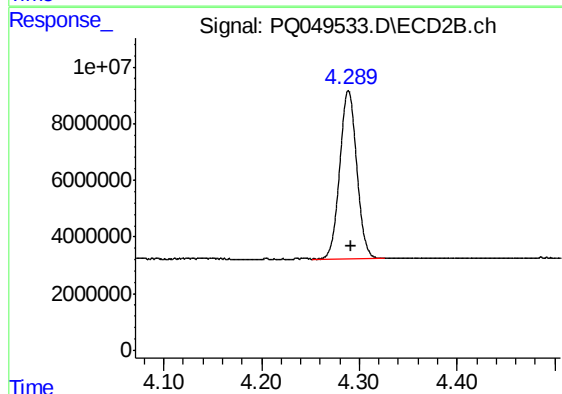




#1 Tetrachloro-m-xylene

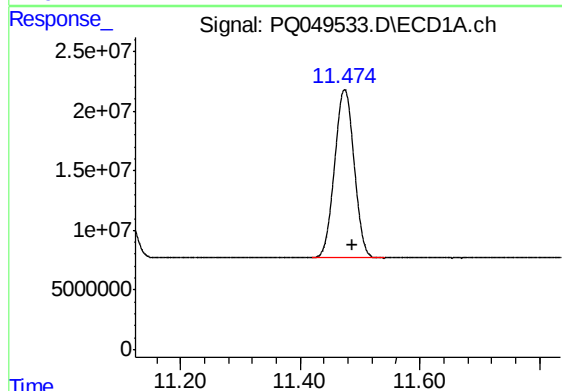
R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 122963566
Conc: 22.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



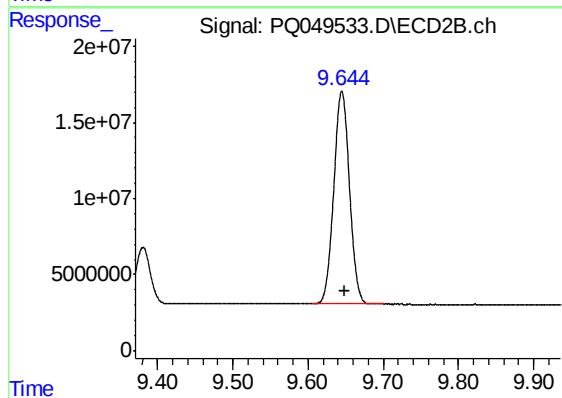
#1 Tetrachloro-m-xylene

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 71791054
Conc: 20.25 ng/ml



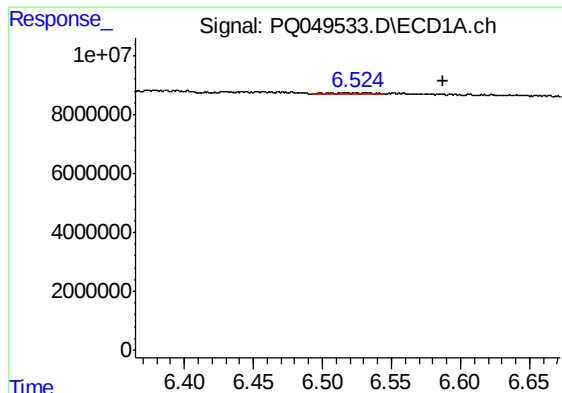
#2 Decachlorobiphenyl

R.T.: 11.475 min
Delta R.T.: -0.014 min
Response: 319202398
Conc: 32.99 ng/ml



#2 Decachlorobiphenyl

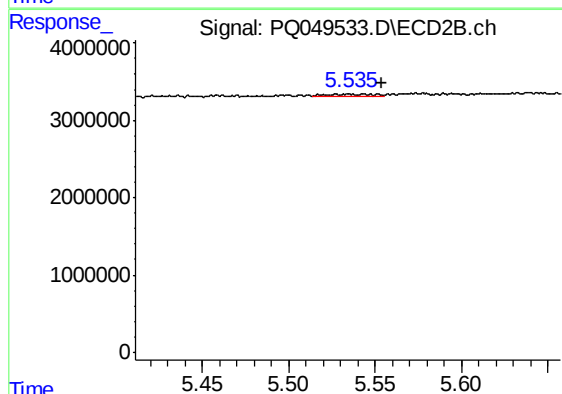
R.T.: 9.645 min
Delta R.T.: -0.004 min
Response: 202528641
Conc: 35.81 ng/ml



#3 AR-1016-1

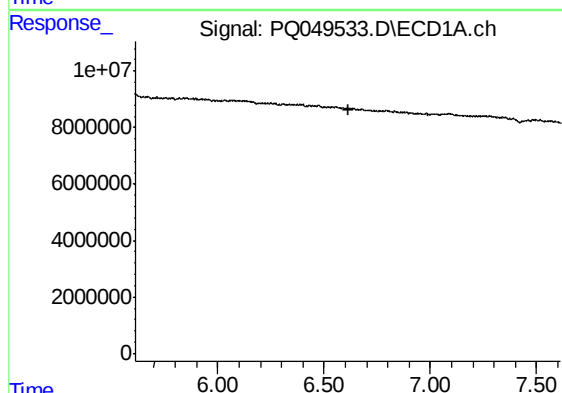
R.T.: 6.524 min
Delta R.T.: -0.064 min
Response: 875169
Conc: 3.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



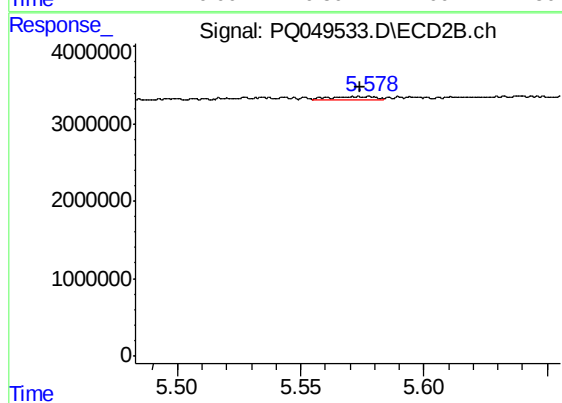
#3 AR-1016-1

R.T.: 5.535 min
Delta R.T.: -0.019 min
Response: 515653
Conc: 3.07 ng/ml



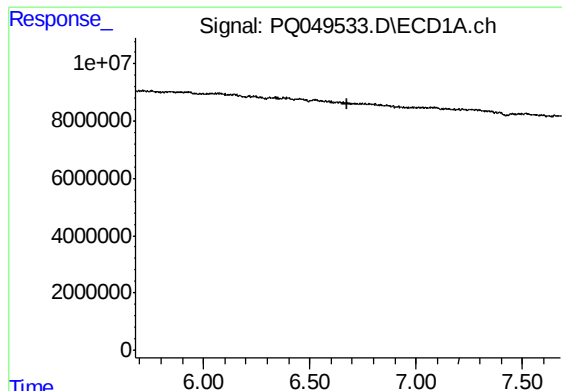
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.613 min
Response: 0
Conc: N.D.



#4 AR-1016-2

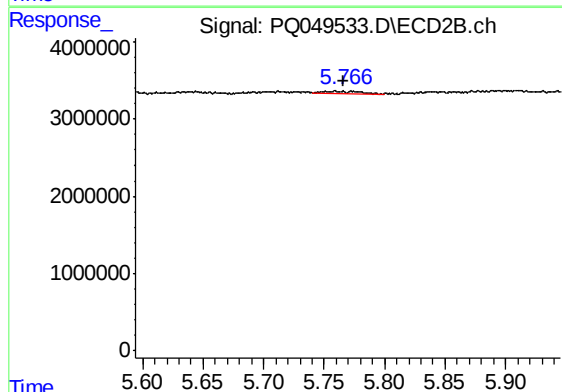
R.T.: 5.577 min
Delta R.T.: 0.003 min
Response: 453236
Conc: 1.98 ng/ml



#5 AR-1016-3

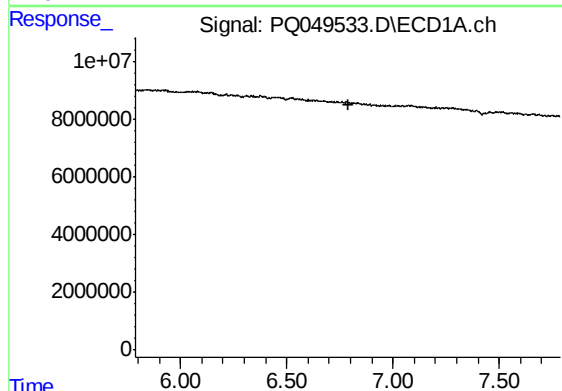
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



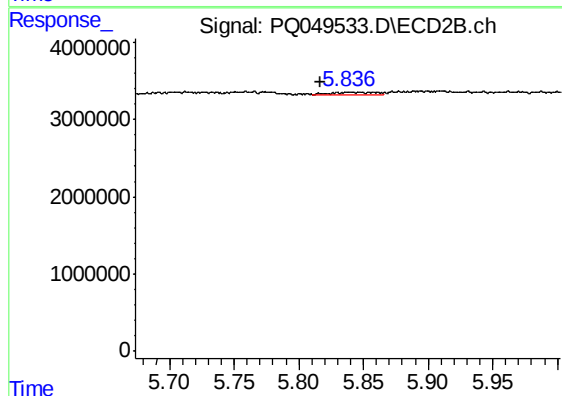
#5 AR-1016-3

R.T.: 5.765 min
Delta R.T.: -0.001 min
Response: 589635
Conc: 4.94 ng/ml



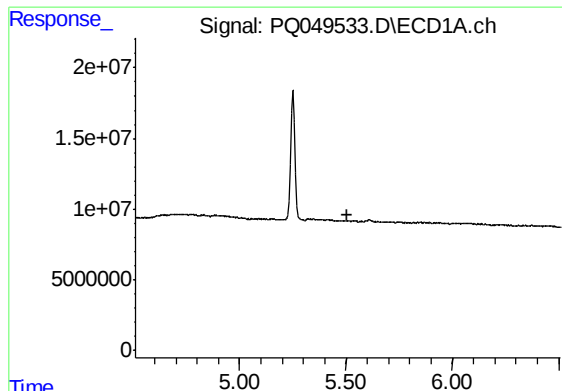
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.788 min
Response: 0
Conc: N.D.



#6 AR-1016-4

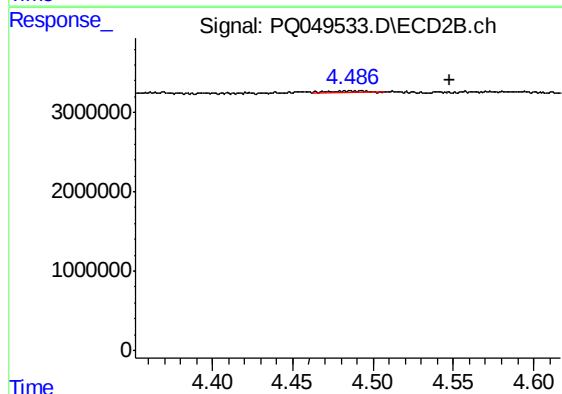
R.T.: 5.838 min
Delta R.T.: 0.022 min
Response: 665074
Conc: 7.51 ng/ml



#8 AR-1221-1

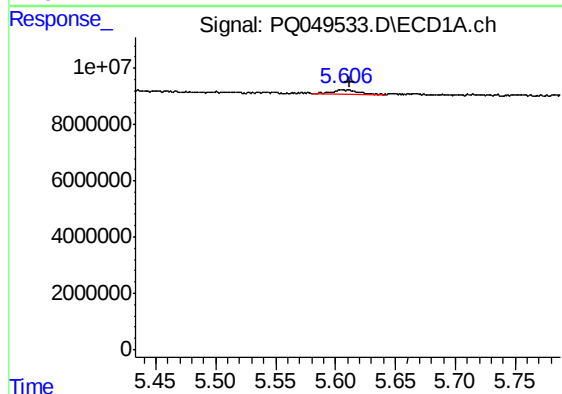
R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



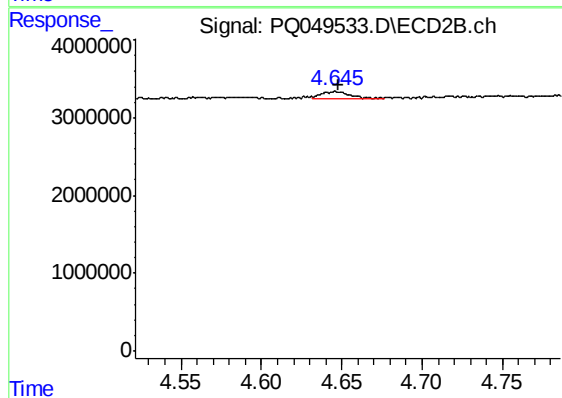
#8 AR-1221-1

R.T.: 4.486 min
Delta R.T.: -0.062 min
Response: 330318
Conc: 7.75 ng/ml



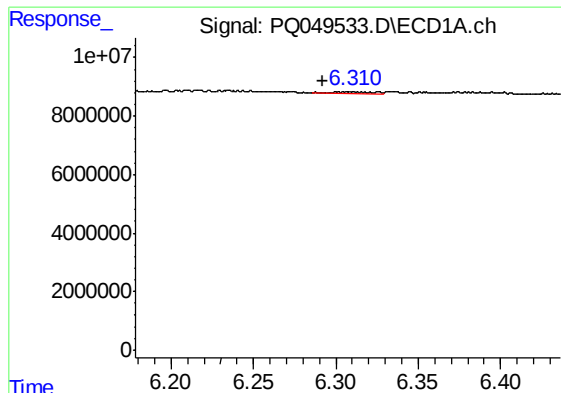
#9 AR-1221-2

R.T.: 5.606 min
Delta R.T.: -0.006 min
Response: 1975078
Conc: 39.56 ng/ml



#9 AR-1221-2

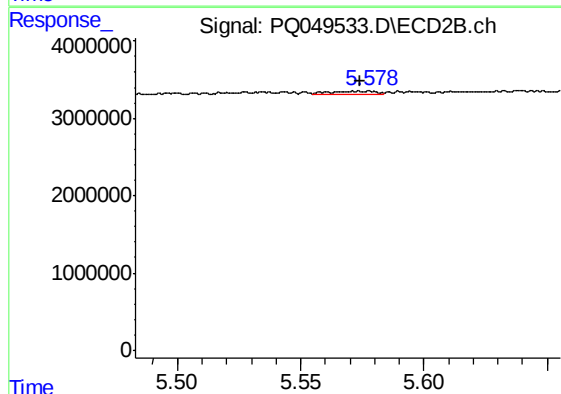
R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 1136176
Conc: 35.71 ng/ml



#12 AR-1232-2

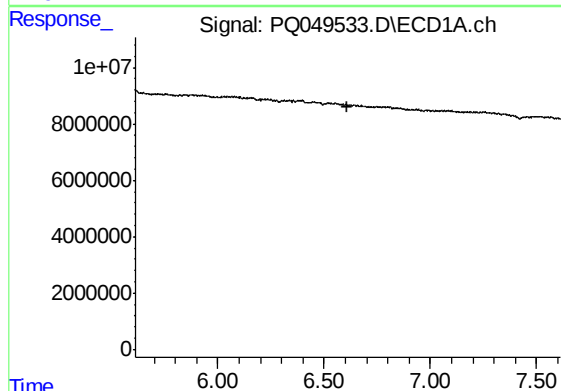
R.T.: 6.310 min
Delta R.T.: 0.018 min
Response: 1010300
Conc: 15.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



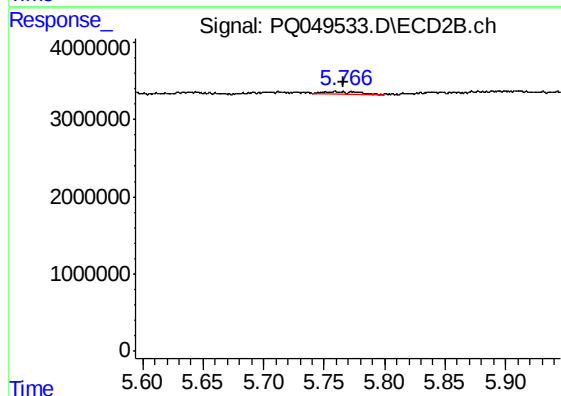
#12 AR-1232-2

R.T.: 5.577 min
Delta R.T.: 0.003 min
Response: 453236
Conc: 4.68 ng/ml



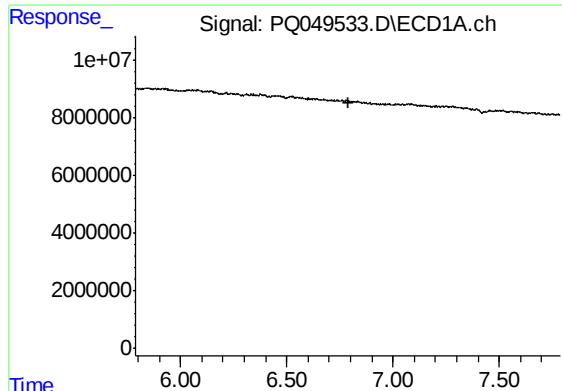
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.612 min
Response: 0
Conc: N.D.



#13 AR-1232-3

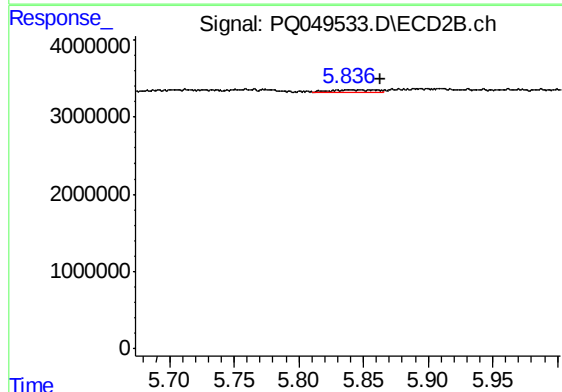
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 589635
Conc: 12.03 ng/ml



#14 AR-1232-4

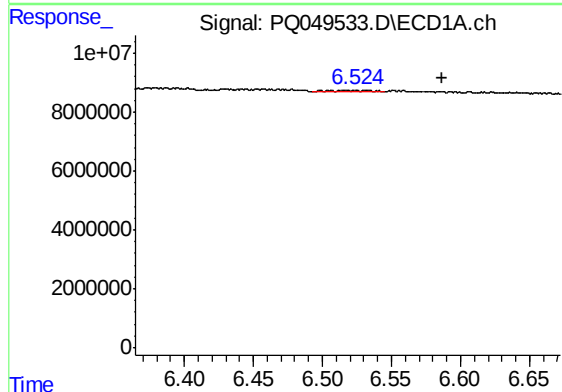
R.T.: 0.000 min
Exp R.T.: 6.788 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



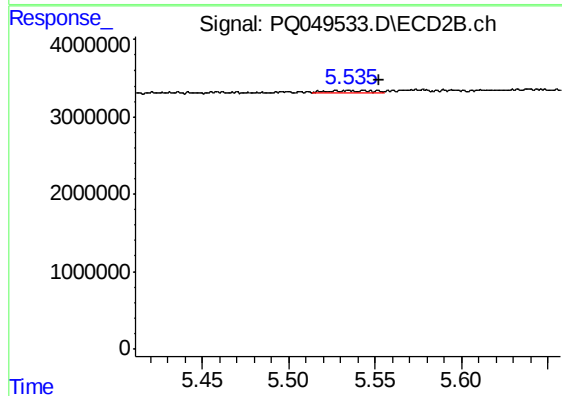
#14 AR-1232-4

R.T.: 5.838 min
Delta R.T.: -0.025 min
Response: 665074
Conc: 15.18 ng/ml



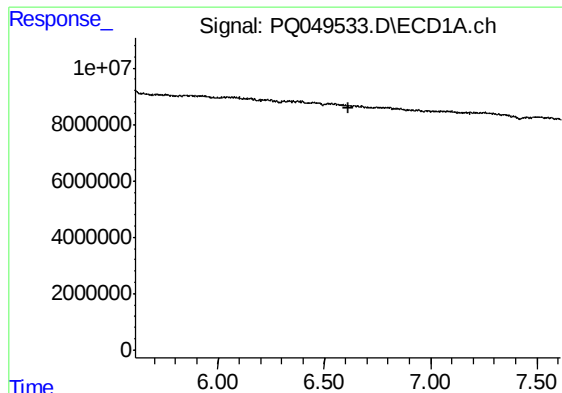
#16 AR-1242-1

R.T.: 6.524 min
Delta R.T.: -0.063 min
Response: 875169
Conc: 4.51 ng/ml



#16 AR-1242-1

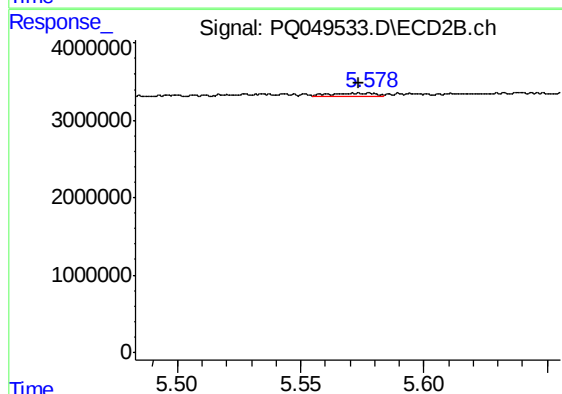
R.T.: 5.535 min
Delta R.T.: -0.017 min
Response: 515653
Conc: 3.72 ng/ml



#17 AR-1242-2

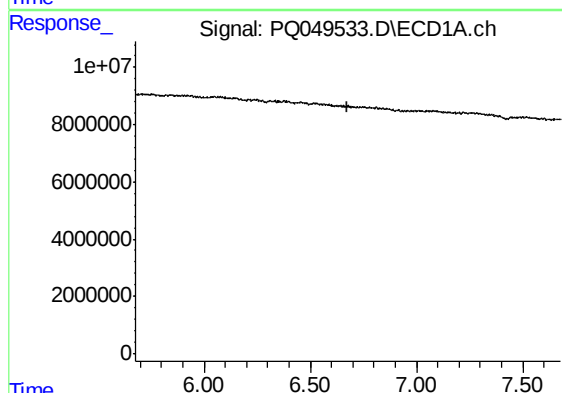
R.T.: 0.000 min
Exp R.T. : 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



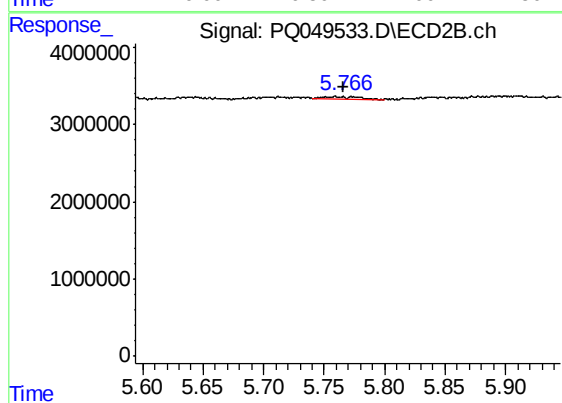
#17 AR-1242-2

R.T.: 5.577 min
Delta R.T.: 0.004 min
Response: 453236
Conc: 2.40 ng/ml



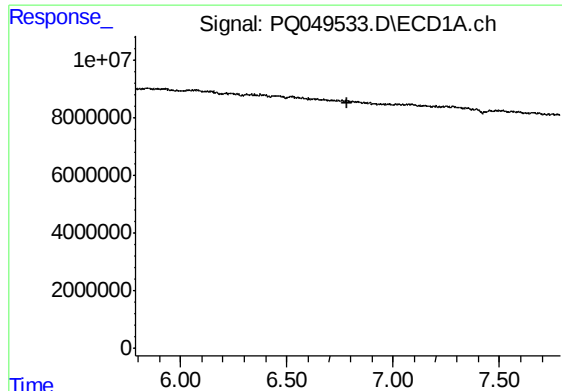
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.677 min
Response: 0
Conc: N.D.



#18 AR-1242-3

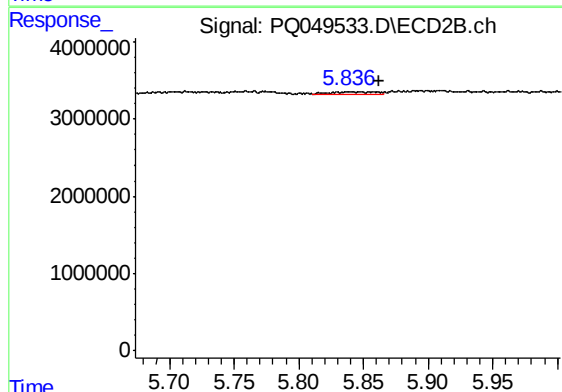
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 589635
Conc: 5.97 ng/ml



#19 AR-1242-4

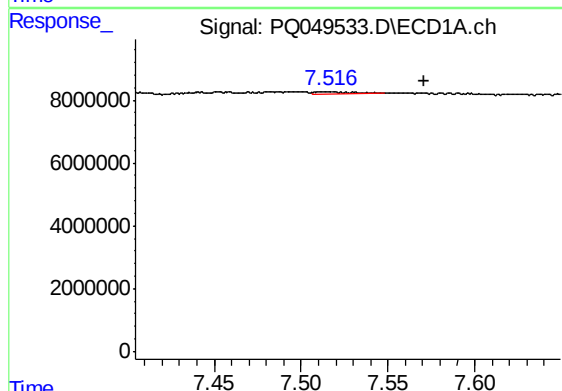
R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



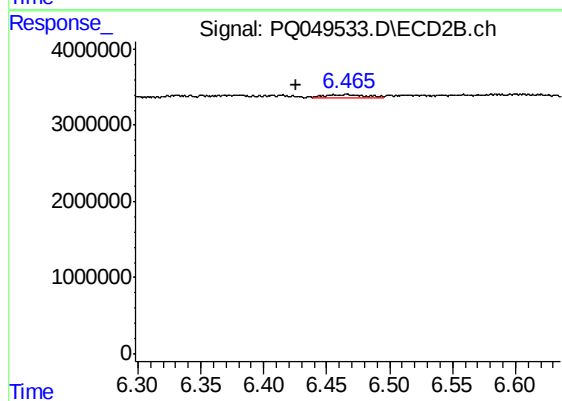
#19 AR-1242-4

R.T.: 5.838 min
Delta R.T.: -0.024 min
Response: 665074
Conc: 6.99 ng/ml



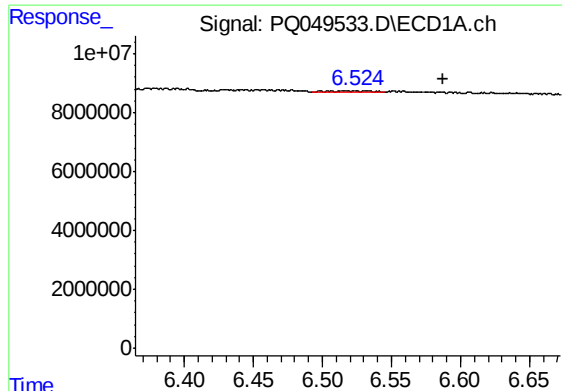
#20 AR-1242-5

R.T.: 7.517 min
Delta R.T.: -0.053 min
Response: 777441
Conc: 4.31 ng/ml



#20 AR-1242-5

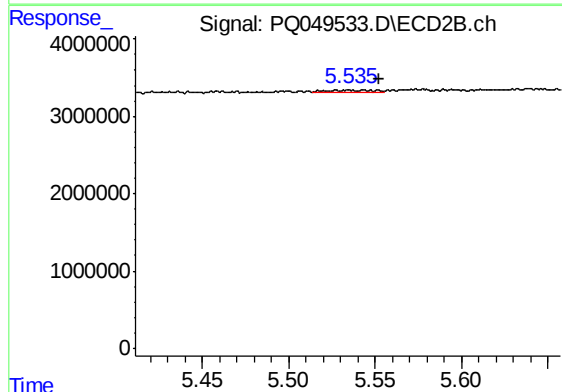
R.T.: 6.466 min
Delta R.T.: 0.040 min
Response: 788873
Conc: 5.52 ng/ml



#21 AR-1248-1

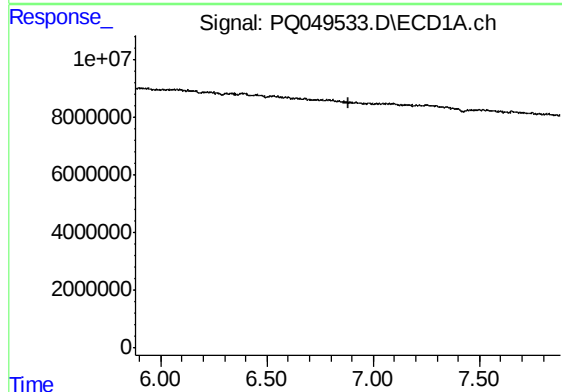
R.T.: 6.524 min
Delta R.T.: -0.064 min
Response: 875169
Conc: 5.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



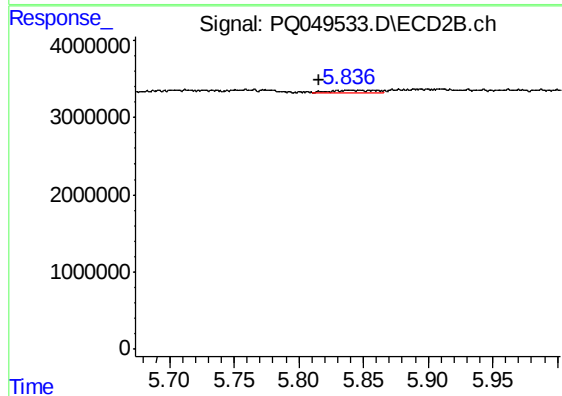
#21 AR-1248-1

R.T.: 5.535 min
Delta R.T.: -0.017 min
Response: 515653
Conc: 4.85 ng/ml



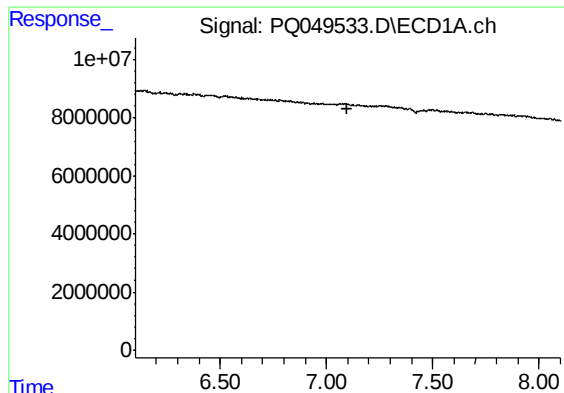
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.881 min
Response: 0
Conc: N.D.



#22 AR-1248-2

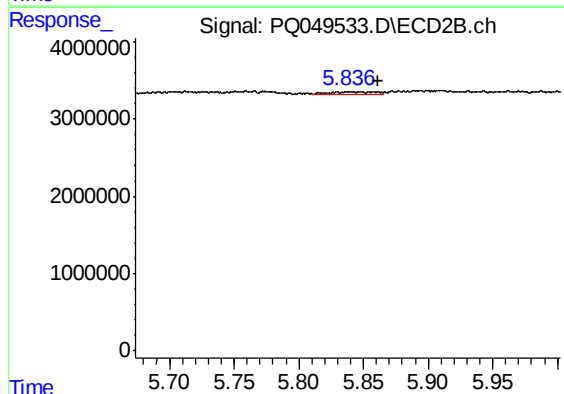
R.T.: 5.838 min
Delta R.T.: 0.022 min
Response: 665074
Conc: 5.11 ng/ml



#23 AR-1248-3

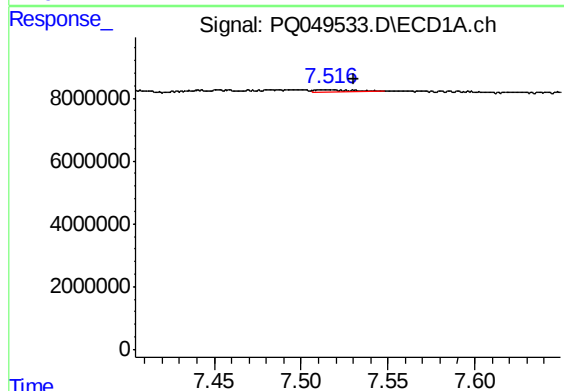
R.T.: 0.000 min
Exp R.T.: 7.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



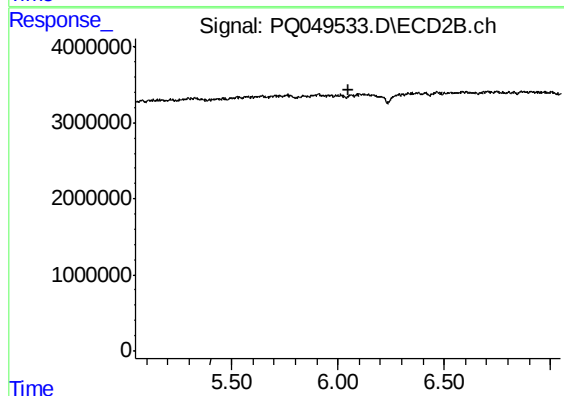
#23 AR-1248-3

R.T.: 5.838 min
Delta R.T.: -0.023 min
Response: 665074
Conc: 4.88 ng/ml



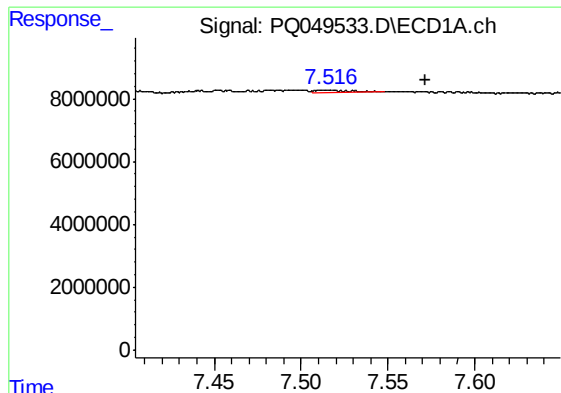
#24 AR-1248-4

R.T.: 7.517 min
Delta R.T.: -0.013 min
Response: 777441
Conc: 2.58 ng/ml



#24 AR-1248-4

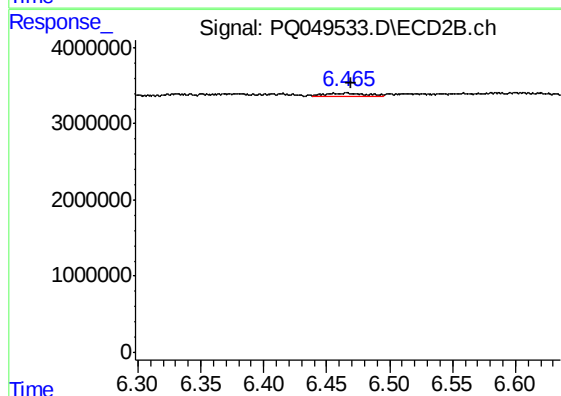
R.T.: 6.063 min
Delta R.T.: 0.015 min
Response: -165471
Conc: N.D.



#25 AR-1248-5

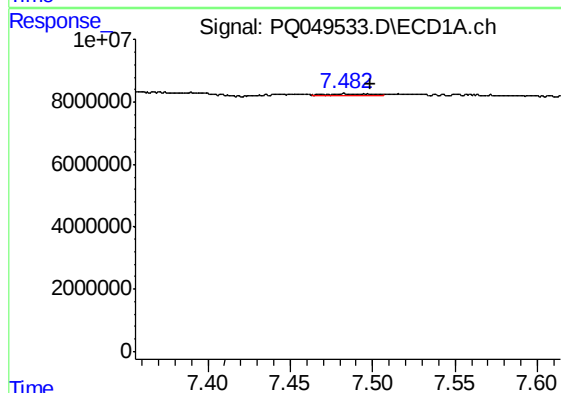
R.T.: 7.517 min
Delta R.T.: -0.054 min
Response: 777441
Conc: 2.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



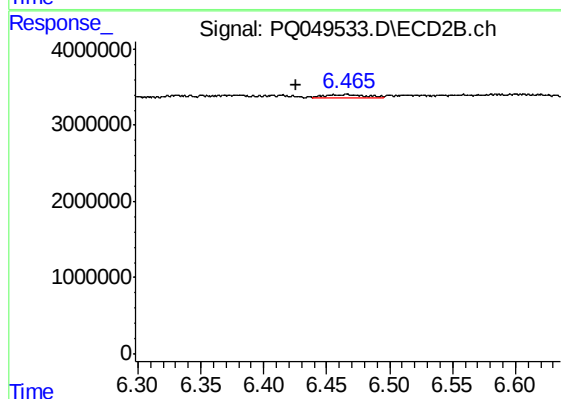
#25 AR-1248-5

R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 788873
Conc: 4.12 ng/ml



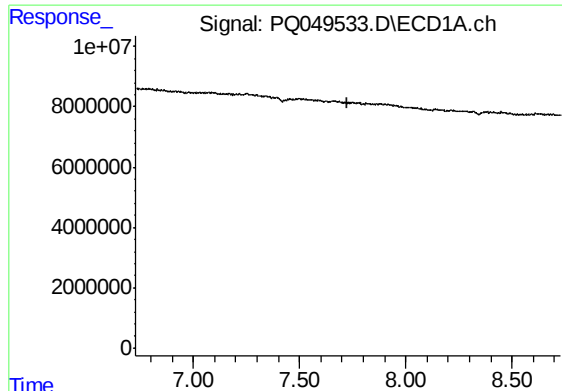
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: -0.016 min
Response: 1435704
Conc: 4.81 ng/ml



#26 AR-1254-1

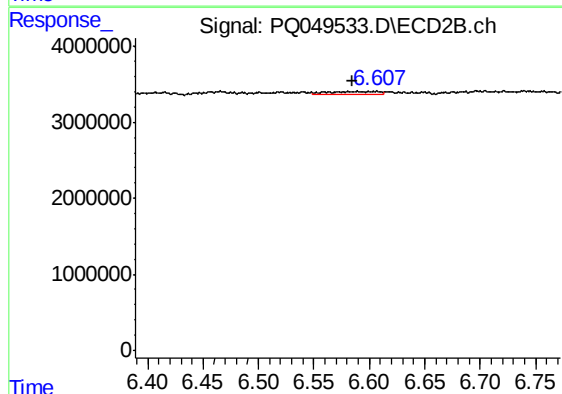
R.T.: 6.466 min
Delta R.T.: 0.040 min
Response: 788873
Conc: 2.58 ng/ml



#27 AR-1254-2

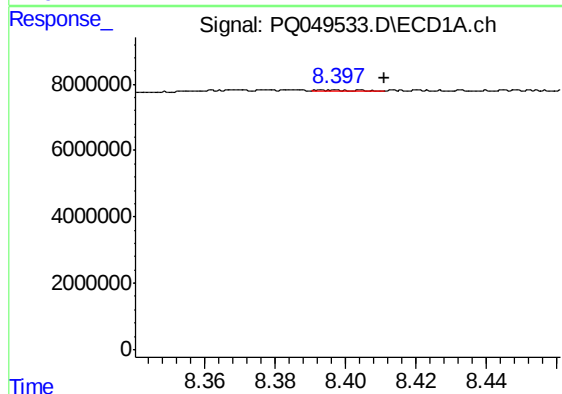
R.T.: 0.000 min
Exp R.T.: 7.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



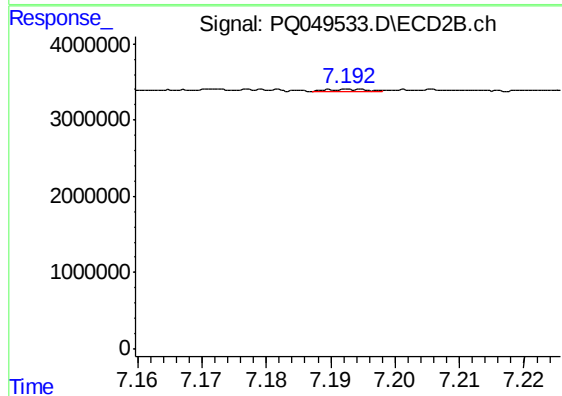
#27 AR-1254-2

R.T.: 6.588 min
Delta R.T.: 0.004 min
Response: 1069082
Conc: 3.80 ng/ml



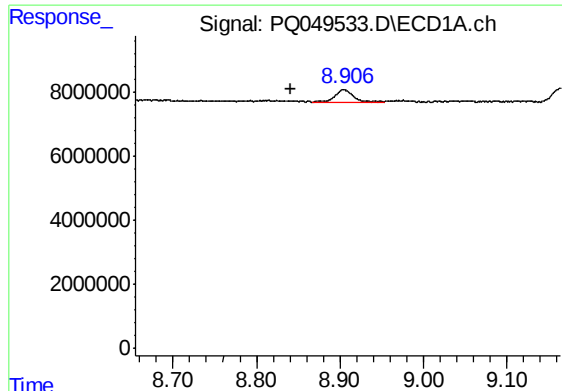
#29 AR-1254-4

R.T.: 8.397 min
Delta R.T.: -0.014 min
Response: 72368
Conc: 0.16 ng/ml



#29 AR-1254-4

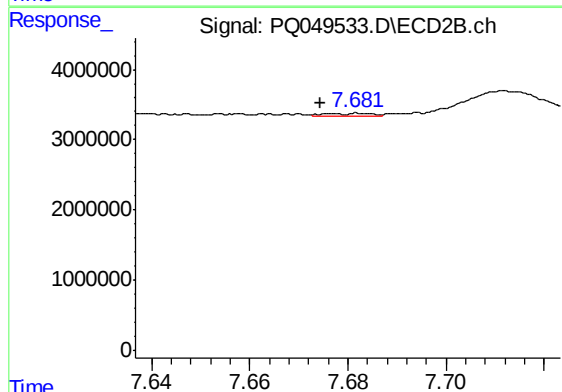
R.T.: 7.193 min
Delta R.T.: -0.051 min
Response: 174322
Conc: 0.51 ng/ml



#30 AR-1254-5

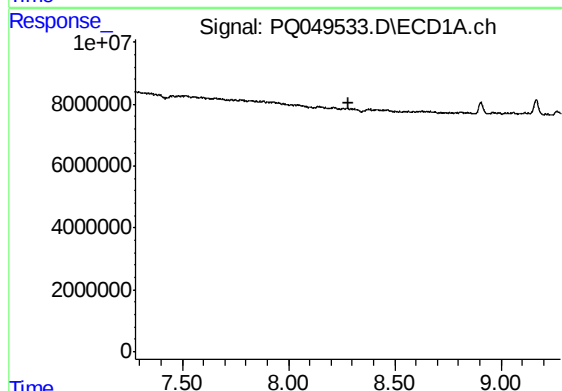
R.T.: 8.904 min
Delta R.T.: 0.063 min
Response: 5740281
Conc: 12.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



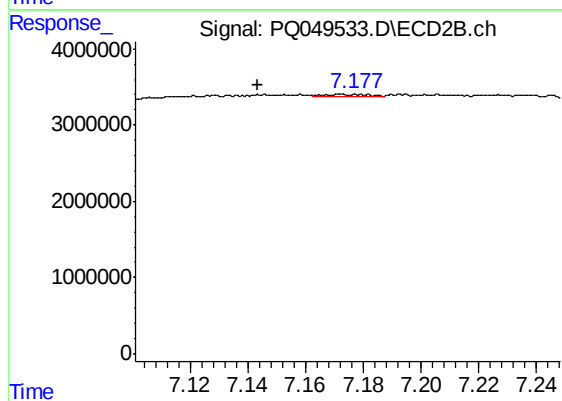
#30 AR-1254-5

R.T.: 7.683 min
Delta R.T.: 0.008 min
Response: 217958
Conc: 0.49 ng/ml



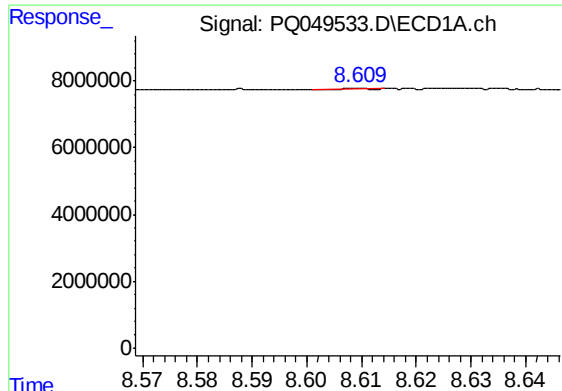
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.280 min
Response: 0
Conc: N.D.



#31 AR-1260-1

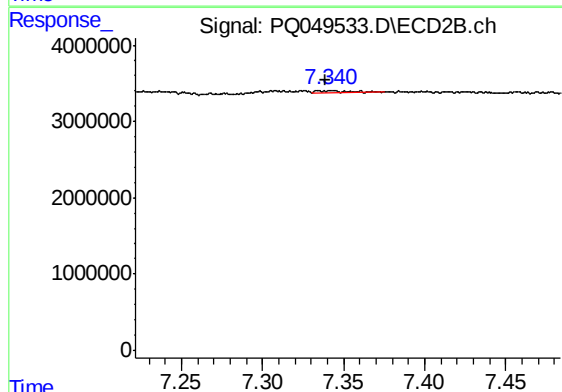
R.T.: 7.178 min
Delta R.T.: 0.034 min
Response: 406537
Conc: 1.40 ng/ml



#32 AR-1260-2

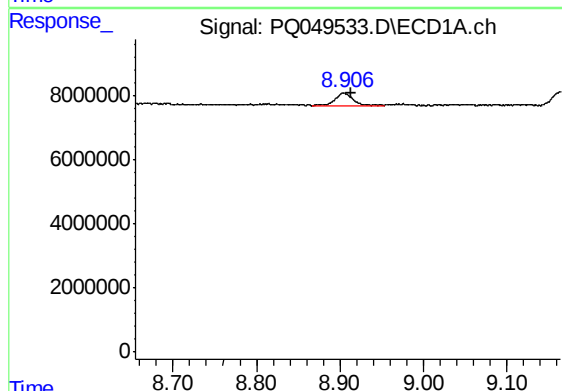
R.T.: 8.609 min
Delta R.T.: 0.065 min
Response: 106394
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



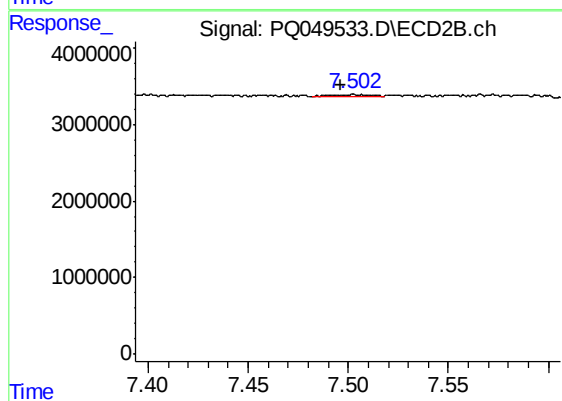
#32 AR-1260-2

R.T.: 7.341 min
Delta R.T.: 0.003 min
Response: 449479
Conc: 1.17 ng/ml



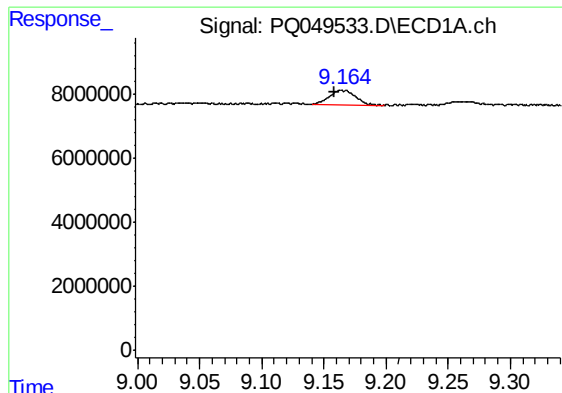
#33 AR-1260-3

R.T.: 8.904 min
Delta R.T.: -0.008 min
Response: 5740281
Conc: 14.70 ng/ml



#33 AR-1260-3

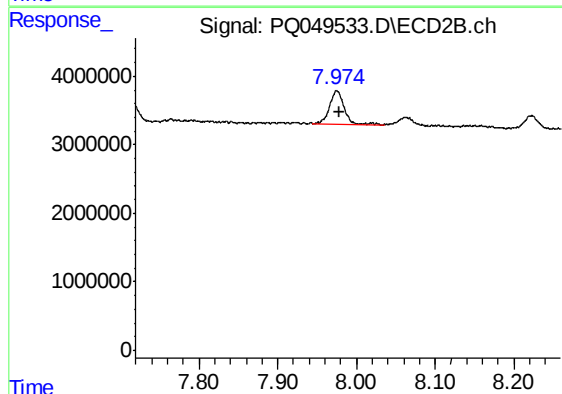
R.T.: 7.503 min
Delta R.T.: 0.007 min
Response: 379484
Conc: 1.17 ng/ml



#34 AR-1260-4

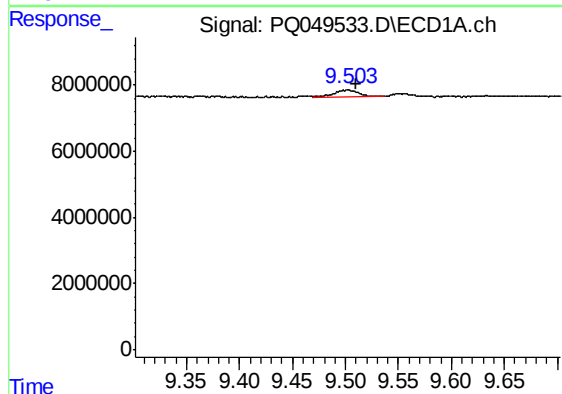
R.T.: 9.164 min
Delta R.T.: 0.005 min
Response: 6553789
Conc: 15.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



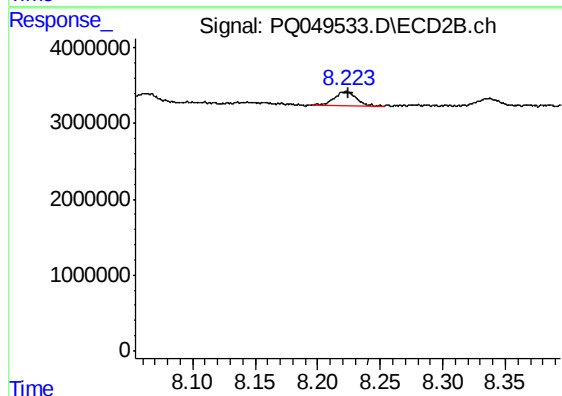
#34 AR-1260-4

R.T.: 7.975 min
Delta R.T.: -0.004 min
Response: 6736032
Conc: 23.08 ng/ml



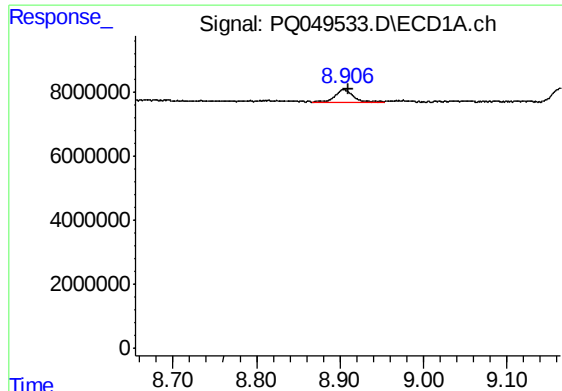
#35 AR-1260-5

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 3223054
Conc: 3.29 ng/ml



#35 AR-1260-5

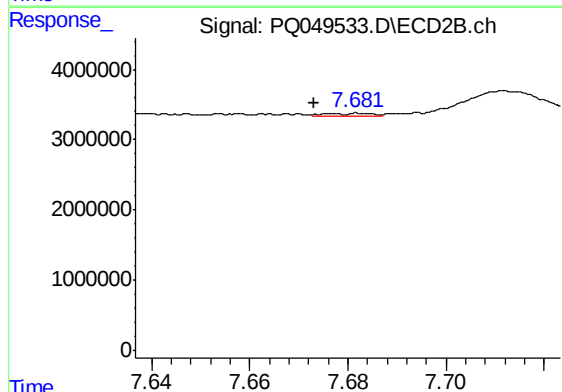
R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 2374980
Conc: 2.99 ng/ml



#36 AR-1262-1

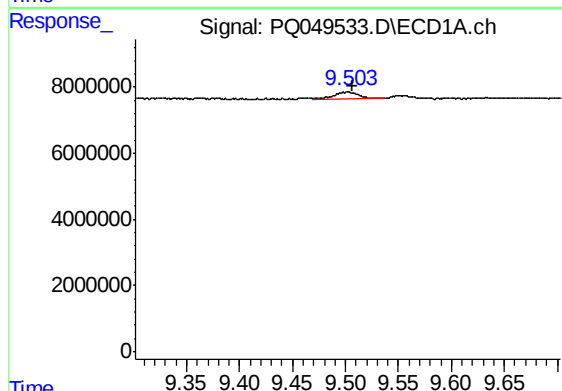
R.T.: 8.904 min
Delta R.T.: -0.006 min
Response: 5740281
Conc: 9.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



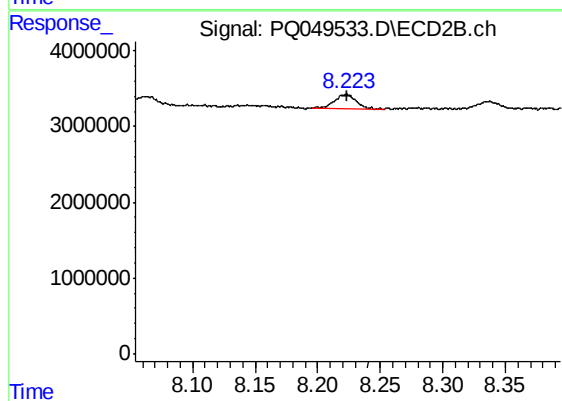
#36 AR-1262-1

R.T.: 7.683 min
Delta R.T.: 0.010 min
Response: 217958
Conc: 0.91 ng/ml



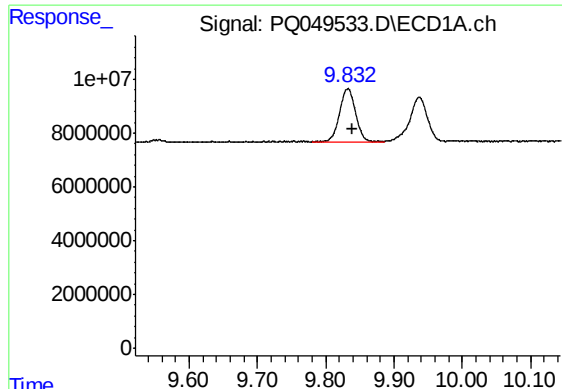
#37 AR-1262-2

R.T.: 9.502 min
Delta R.T.: -0.004 min
Response: 3223054
Conc: 2.72 ng/ml



#37 AR-1262-2

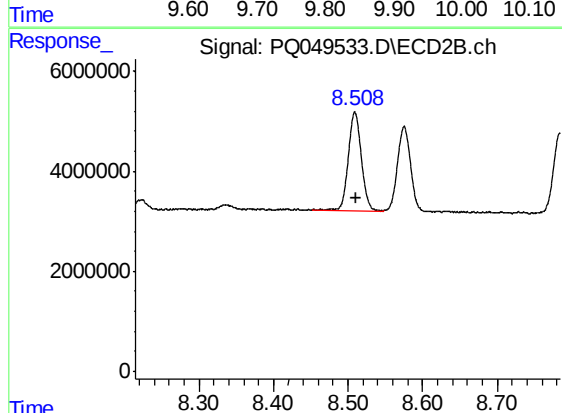
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 2374980
Conc: 2.51 ng/ml



#38 AR-1262-3

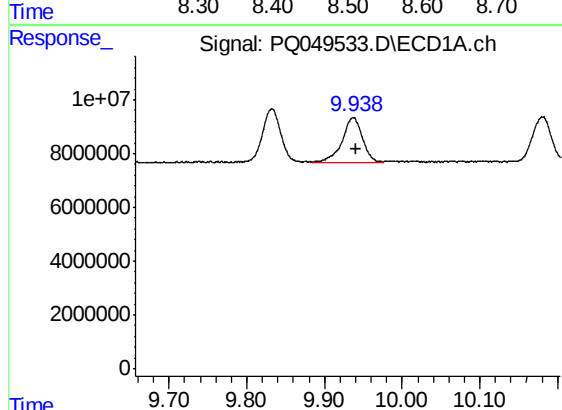
R.T.: 9.832 min
Delta R.T.: -0.006 min
Response: 32081108
Conc: 55.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



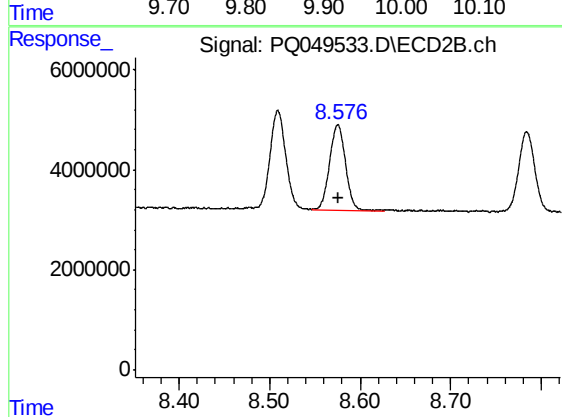
#38 AR-1262-3

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 24217460
Conc: 62.31 ng/ml



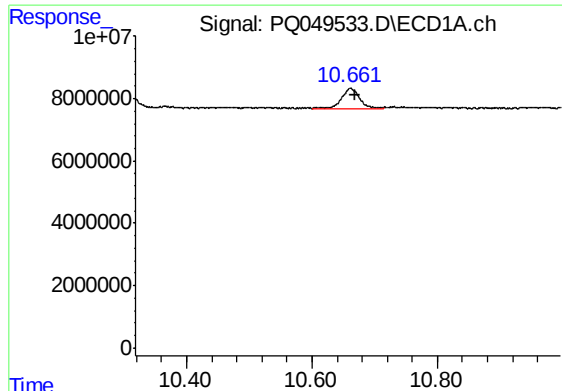
#39 AR-1262-4

R.T.: 9.937 min
Delta R.T.: -0.004 min
Response: 30253161
Conc: 44.83 ng/ml



#39 AR-1262-4

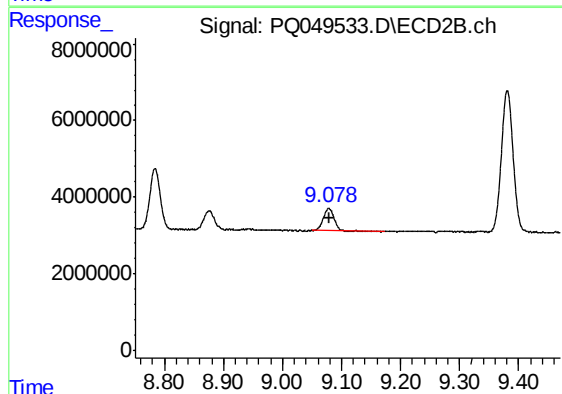
R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 20765631
Conc: 30.32 ng/ml



#40 AR-1262-5

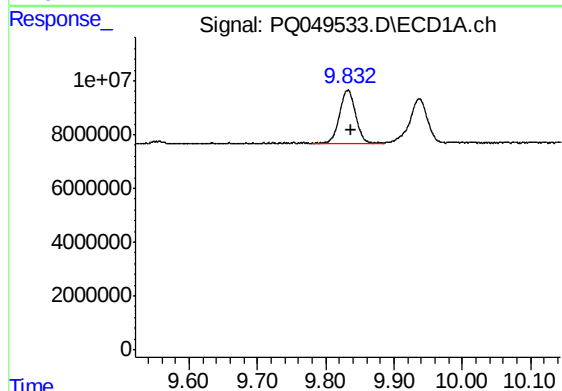
R.T.: 10.662 min
Delta R.T.: -0.007 min
Response: 12678804
Conc: 24.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



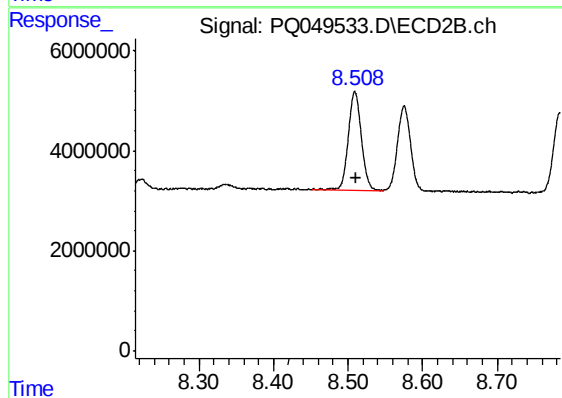
#40 AR-1262-5

R.T.: 9.078 min
Delta R.T.: -0.002 min
Response: 7628804
Conc: 22.98 ng/ml



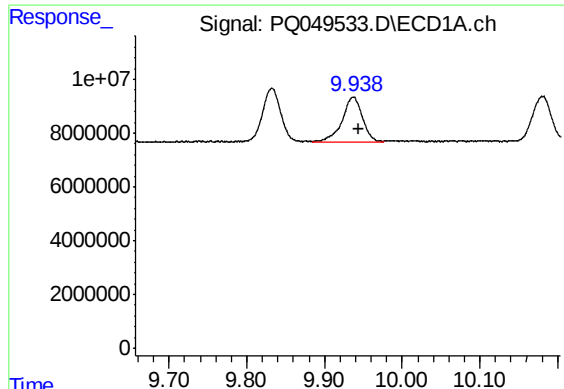
#41 AR-1268-1

R.T.: 9.832 min
Delta R.T.: -0.006 min
Response: 32081108
Conc: 20.21 ng/ml



#41 AR-1268-1

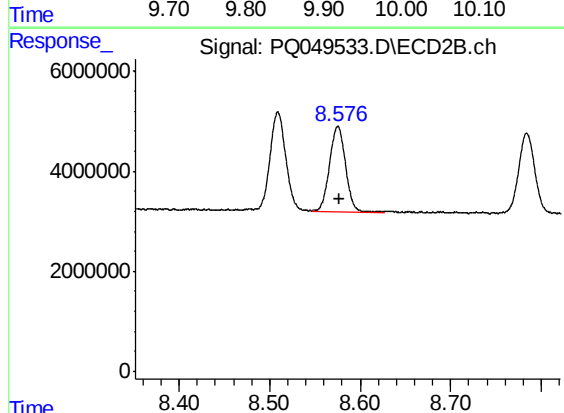
R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 24217460
Conc: 20.39 ng/ml



#42 AR-1268-2

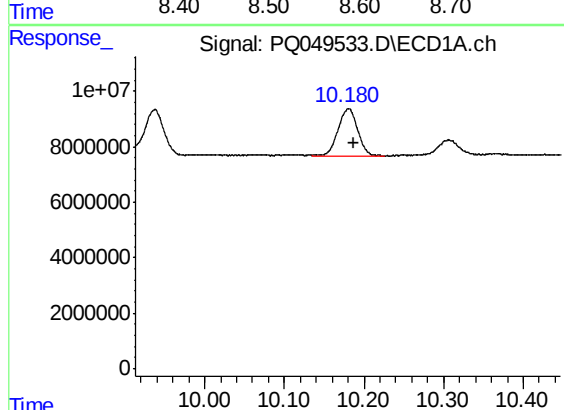
R.T.: 9.937 min
Delta R.T.: -0.007 min
Response: 30253161
Conc: 20.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



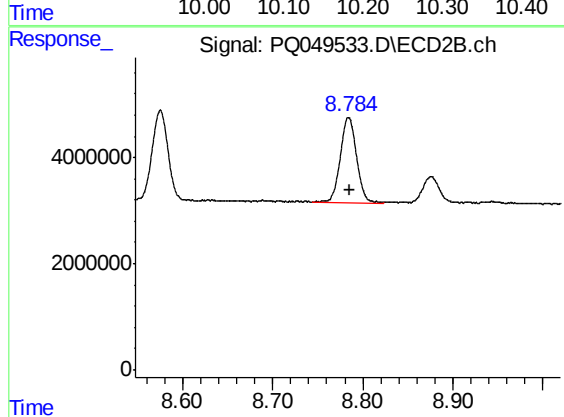
#42 AR-1268-2

R.T.: 8.575 min
Delta R.T.: -0.001 min
Response: 20765631
Conc: 19.44 ng/ml



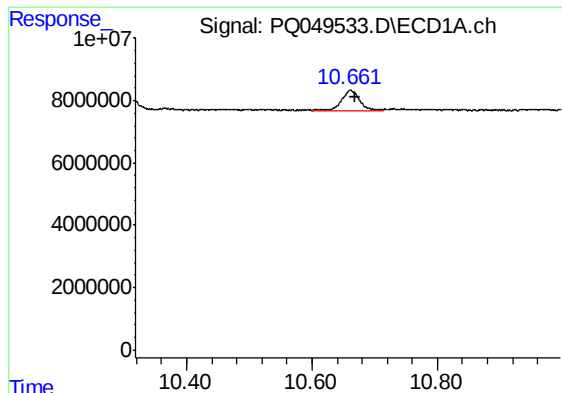
#43 AR-1268-3

R.T.: 10.181 min
Delta R.T.: -0.006 min
Response: 29487570
Conc: 22.22 ng/ml



#43 AR-1268-3

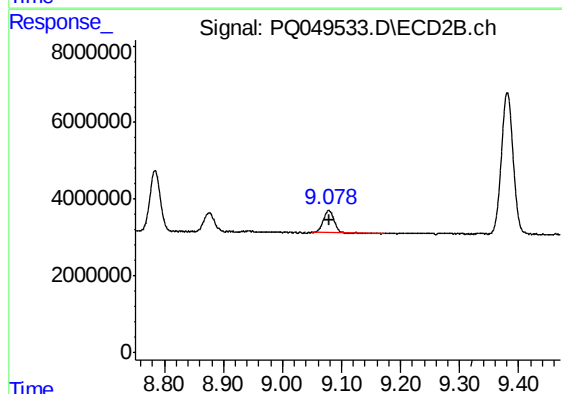
R.T.: 8.784 min
Delta R.T.: -0.002 min
Response: 20065366
Conc: 22.28 ng/ml



#44 AR-1268-4

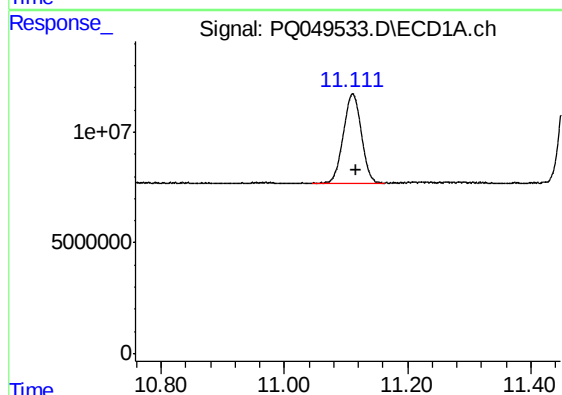
R.T.: 10.662 min
Delta R.T.: -0.006 min
Response: 12678804
Conc: 20.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-AR1268-W-4



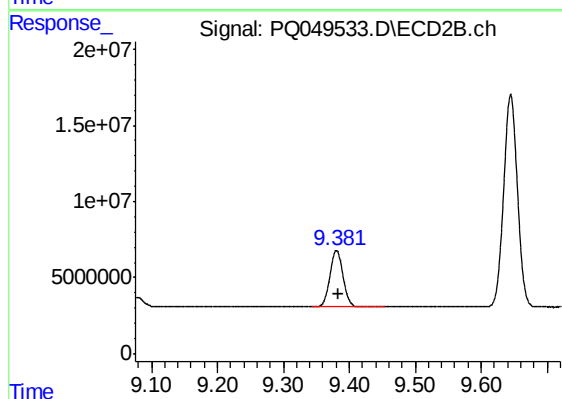
#44 AR-1268-4

R.T.: 9.078 min
Delta R.T.: -0.002 min
Response: 7628804
Conc: 19.63 ng/ml



#45 AR-1268-5

R.T.: 11.111 min
Delta R.T.: -0.007 min
Response: 82061404
Conc: 19.83 ng/ml



#45 AR-1268-5

R.T.: 9.381 min
Delta R.T.: -0.003 min
Response: 50657374
Conc: 18.81 ng/ml