

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042821\
 Data File : PQ053243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2021 10:01
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12423096

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 06:34:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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...	5.232	4.234	599.9E6	235.7E6	21.380	20.266
2)	SA Decachlor...	11.437	9.586	1173.9E6	522.1E6	41.508	41.945
Target Compounds							
3)	L1 AR-1016-1	6.557	5.494	371.0E6	161.8E6	380.809	367.446
4)	L1 AR-1016-2	6.581	5.514	562.6E6	237.3E6	386.897	375.007
5)	L1 AR-1016-3	6.648	5.706	343.1E6	123.3E6	390.250	373.747
6)	L1 AR-1016-4	6.757	5.757	282.3E6	91771928	389.655	352.069
7)	L1 AR-1016-5	7.070	5.988	265.5E6	114.7E6	384.443	345.061
8)	L2 AR-1221-1	5.477	4.490	41354672	19586269	135.976	153.591
9)	L2 AR-1221-2	5.582	4.592	44205087	23149761	214.233	260.533
10)	L2 AR-1221-3	5.670	4.680	184.5E6	84948802	265.856	275.079
11)	L3 AR-1232-1	5.670	4.680	184.5E6	84948802	355.361	372.134
12)	L3 AR-1232-2	6.263	5.514	265.2E6	237.3E6	947.143	971.110
13)	L3 AR-1232-3	6.581	5.706	562.6E6	123.3E6	981.271	1007.767
14)	L3 AR-1232-4	6.757	5.802	282.3E6	115.9E6	986.913	1106.688
15)	L3 AR-1232-5	6.851	5.988	224.6E6	114.7E6	1100.820	977.671
16)	L4 AR-1242-1	6.557	5.494	371.0E6	161.8E6	409.167	403.722
17)	L4 AR-1242-2	6.581	5.514	562.6E6	237.3E6	414.236	406.769
18)	L4 AR-1242-3	6.648	5.706	343.1E6	123.3E6	415.747	406.850
19)	L4 AR-1242-4	6.757	5.802	282.3E6	115.9E6	412.004	407.349
20)	L4 AR-1242-5	7.540	6.367	317.6E6	164.2E6	435.416	414.512
21)	L5 AR-1248-1	6.557	5.494	371.0E6	161.8E6	599.606	594.129
22)	L5 AR-1248-2	6.851	5.757	224.6E6	91771928	257.557	246.815
23)	L5 AR-1248-3	7.070	5.802	265.5E6	115.9E6	270.887	303.487
24)	L5 AR-1248-4	7.499	5.988	286.2E6	114.7E6	250.419	245.298
25)	L5 AR-1248-5	7.540	6.411	317.6E6	137.8E6	278.722	280.054
26)	L6 AR-1254-1	7.468	6.367	217.2E6	164.2E6	138.165	153.155
27)	L6 AR-1254-2	7.705	6.526	256.8E6	46788659	104.909	49.053 #
28)	L6 AR-1254-3	8.081	6.948	133.3E6	56327646	50.654	36.368 #
29)	L6 AR-1254-4	8.376	7.188	84323408	48522136	43.815	46.340
30)	L6 AR-1254-5	8.807	7.618	17738109	13760518	8.671	9.430
31)	L7 AR-1260-1	8.247	7.096	19141192	24001600	16.626	37.038 #
32)	L7 AR-1260-2	8.507	7.281	27491321	8185095	19.731	8.830 #
33)	L7 AR-1260-3	8.837	7.436	2339578	6905409	2.185	8.875 #
34)	L7 AR-1260-4	9.114	7.959f	8725499	4078257	7.206	6.007
35)	L7 AR-1260-5	9.400f	8.172	3762293	1392760	1.470	0.753 #
36)	L8 AR-1262-1	8.837	7.618	2339578	13760518	1.170	22.448 #
37)	L8 AR-1262-2	9.400f	8.172	3762293	1392760	1.014	0.548 #
38)	L8 AR-1262-3	0.000	8.517f	0	763162	N.D.	0.751 #
39)	L8 AR-1262-4	0.000	8.517	0	763162	N.D.	0.443 #
41)	L9 AR-1268-1	0.000	8.517f	0	763162	N.D.	0.261 #
42)	L9 AR-1268-2	0.000	8.517	0	763162	N.D.	0.307 #
43)	L9 AR-1268-3	0.000	8.734	0	2798984	N.D.	1.291 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042821\
 Data File : PQ053243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2021 10:01
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

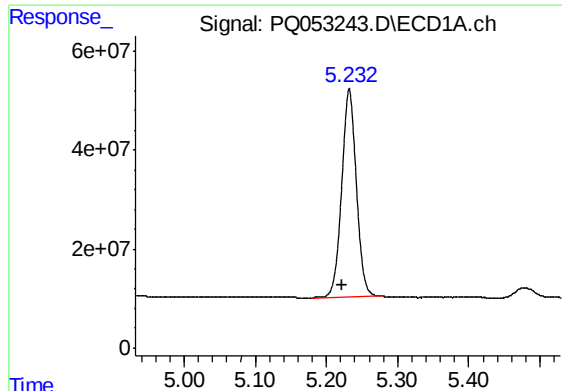
Instrument :
 ECD_Q
 ClientSampleId :
 AR12423096

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 06:34:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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
45) L9	AR-1268-5	11.071	9.325	7818584	3327221	0.607	0.537

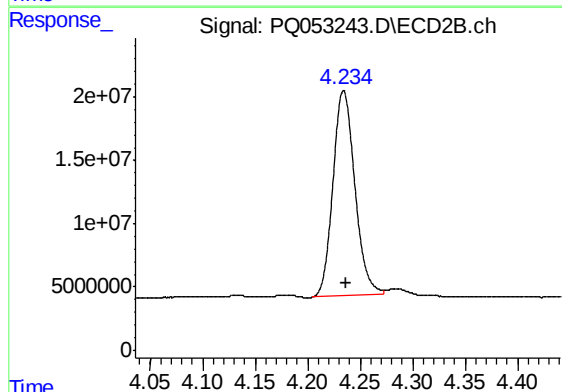
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

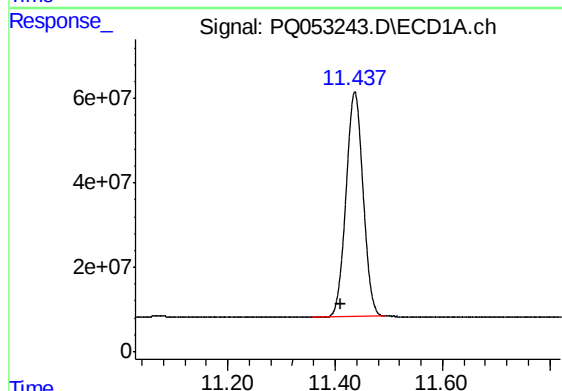
R.T.: 5.232 min
Delta R.T.: 0.010 min
Response: 599905281
Conc: 21.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



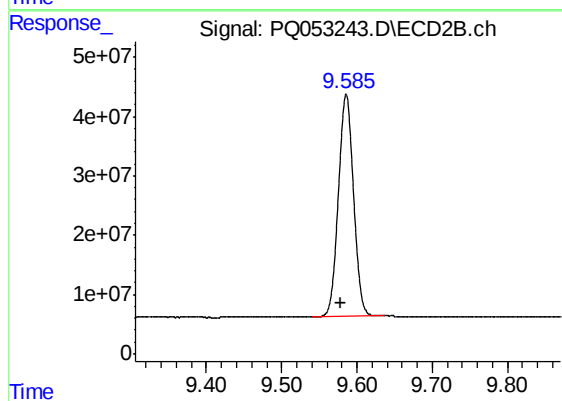
#1 Tetrachloro-m-xylene

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 235661726
Conc: 20.27 ng/ml



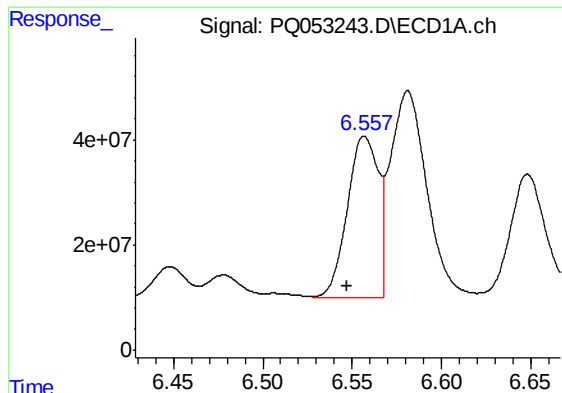
#2 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: 0.025 min
Response: 1173929927
Conc: 41.51 ng/ml



#2 Decachlorobiphenyl

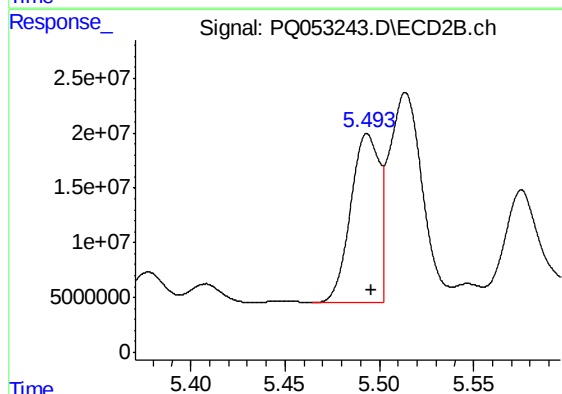
R.T.: 9.586 min
Delta R.T.: 0.007 min
Response: 522061936
Conc: 41.95 ng/ml



#3 AR-1016-1

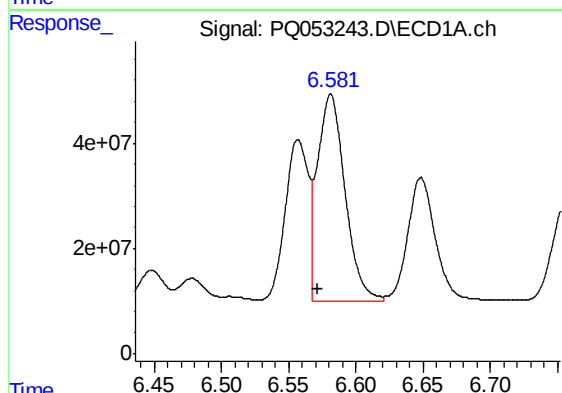
R.T.: 6.557 min
Delta R.T.: 0.010 min
Response: 371022482
Conc: 380.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



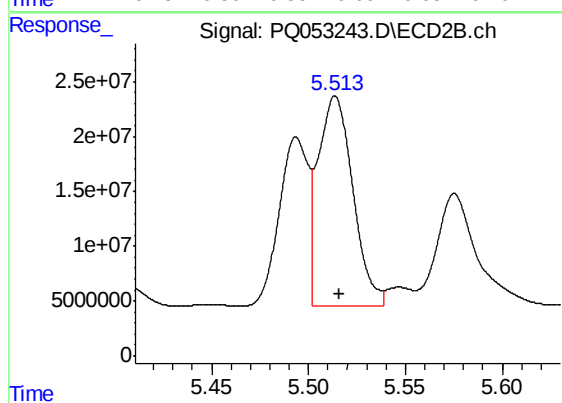
#3 AR-1016-1

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 161825009
Conc: 367.45 ng/ml



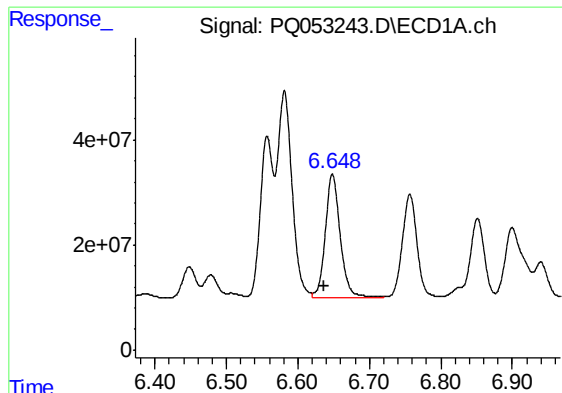
#4 AR-1016-2

R.T.: 6.581 min
Delta R.T.: 0.010 min
Response: 562587185
Conc: 386.90 ng/ml



#4 AR-1016-2

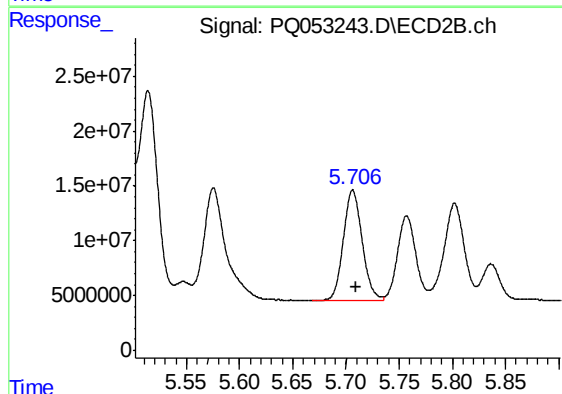
R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 237259581
Conc: 375.01 ng/ml



#5 AR-1016-3

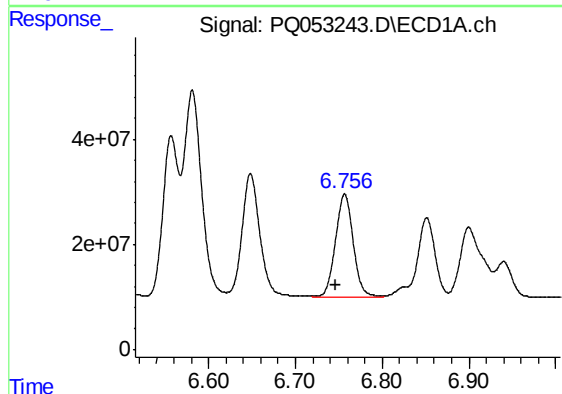
R.T.: 6.648 min
Delta R.T.: 0.011 min
Response: 343092936
Conc: 390.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



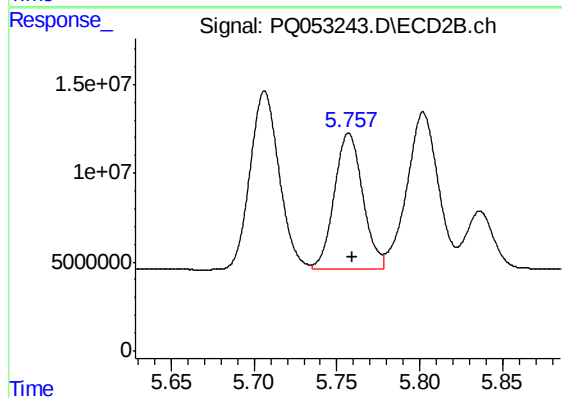
#5 AR-1016-3

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 123251258
Conc: 373.75 ng/ml



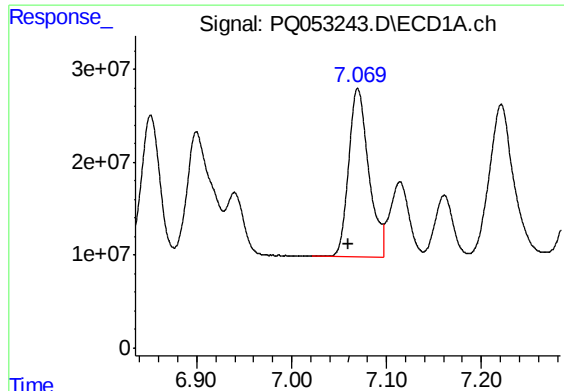
#6 AR-1016-4

R.T.: 6.757 min
Delta R.T.: 0.010 min
Response: 282266971
Conc: 389.65 ng/ml



#6 AR-1016-4

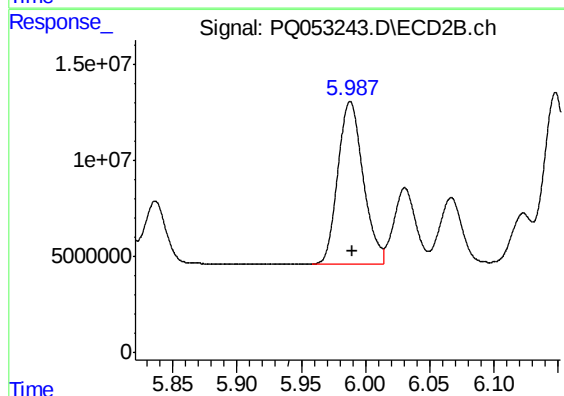
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 91771928
Conc: 352.07 ng/ml



#7 AR-1016-5

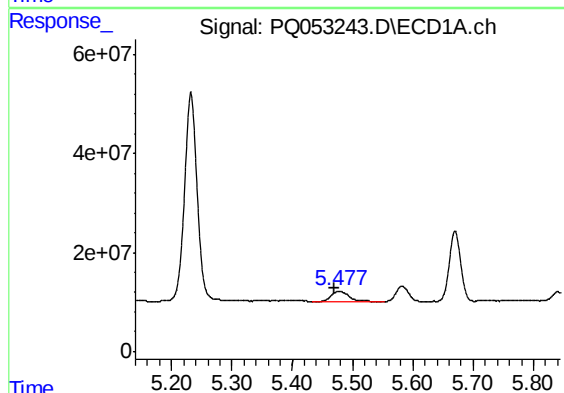
R.T.: 7.070 min
Delta R.T.: 0.010 min
Response: 265531531
Conc: 384.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



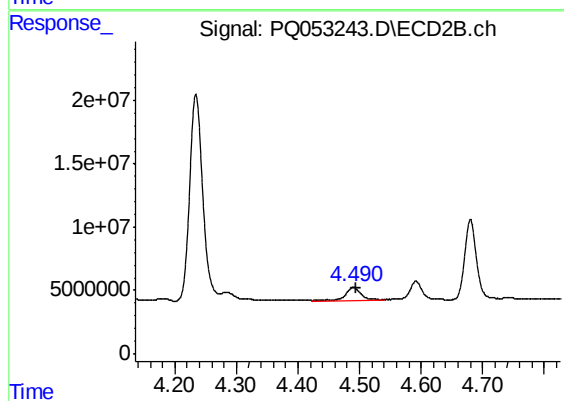
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 114674207
Conc: 345.06 ng/ml



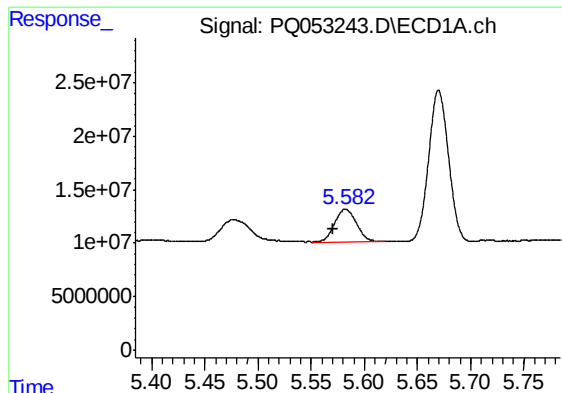
#8 AR-1221-1

R.T.: 5.477 min
Delta R.T.: 0.006 min
Response: 41354672
Conc: 135.98 ng/ml



#8 AR-1221-1

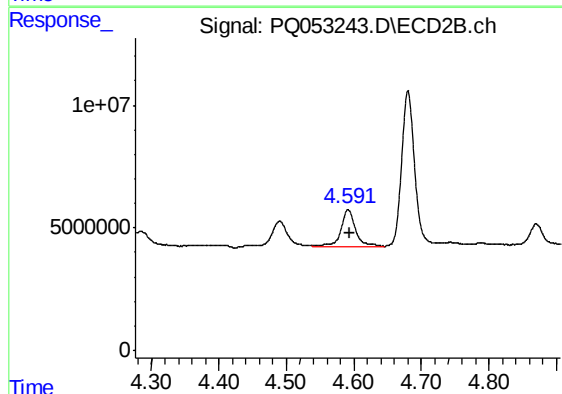
R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 19586269
Conc: 153.59 ng/ml



#9 AR-1221-2

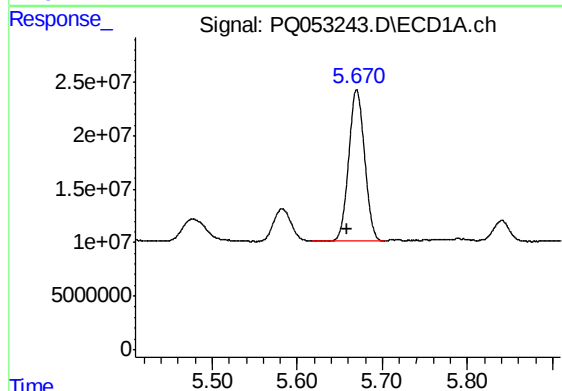
R.T.: 5.582 min
Delta R.T.: 0.012 min
Response: 44205087
Conc: 214.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



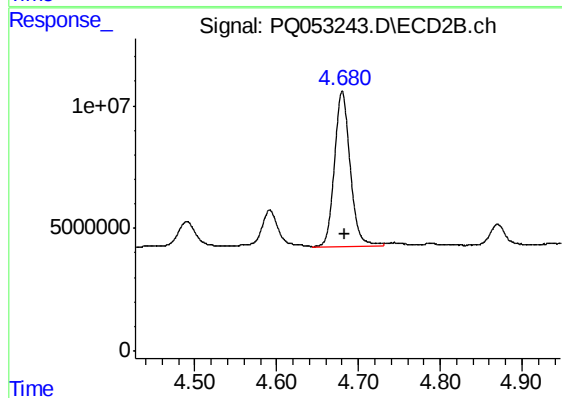
#9 AR-1221-2

R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 23149761
Conc: 260.53 ng/ml



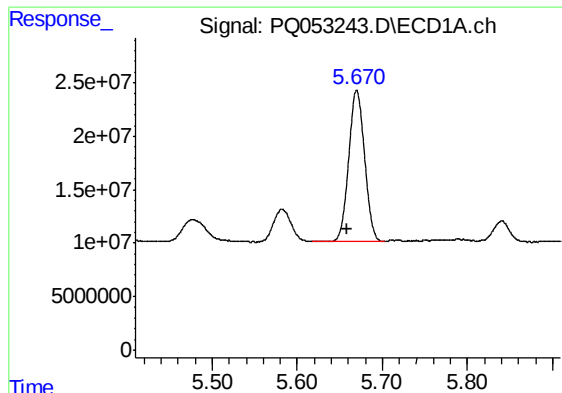
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: 0.011 min
Response: 184547241
Conc: 265.86 ng/ml



#10 AR-1221-3

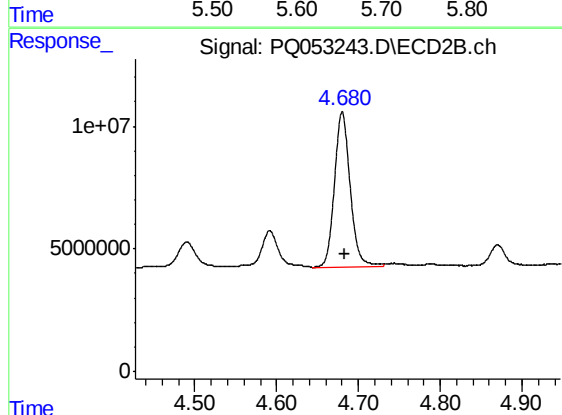
R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 84948802
Conc: 275.08 ng/ml



#11 AR-1232-1

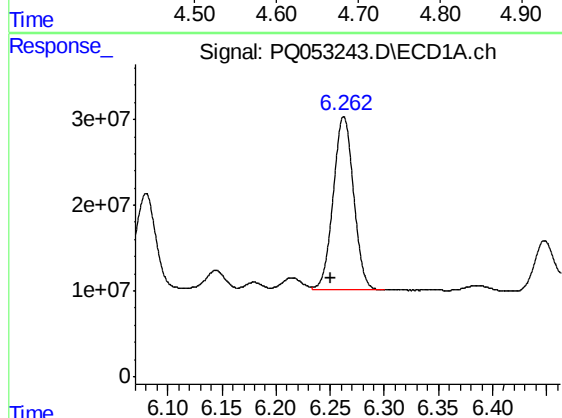
R.T.: 5.670 min
Delta R.T.: 0.011 min
Response: 184547241
Conc: 355.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



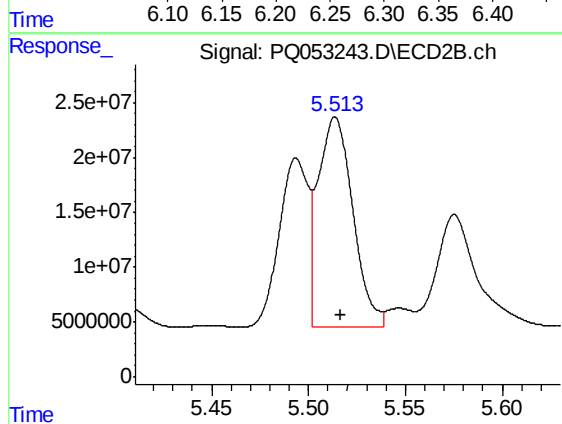
#11 AR-1232-1

R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 84948802
Conc: 372.13 ng/ml



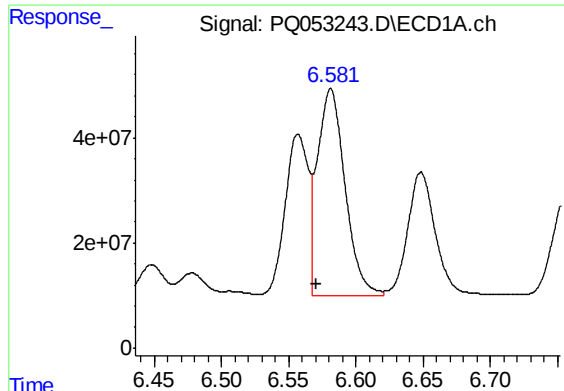
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: 0.012 min
Response: 265213078
Conc: 947.14 ng/ml



#12 AR-1232-2

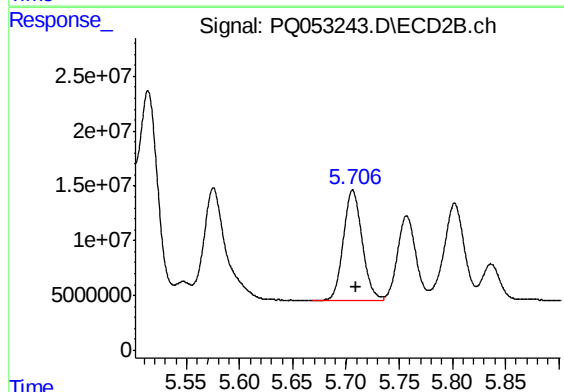
R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 237259581
Conc: 971.11 ng/ml



#13 AR-1232-3

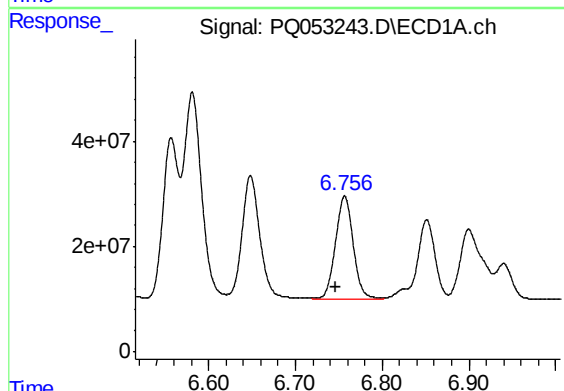
R.T.: 6.581 min
Delta R.T.: 0.011 min
Response: 562587185
Conc: 981.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



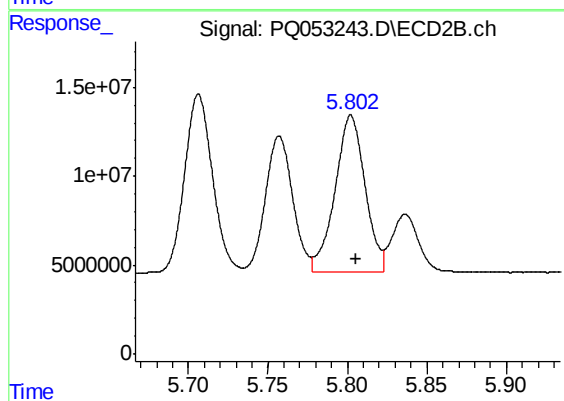
#13 AR-1232-3

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 123251258
Conc: 1007.77 ng/ml



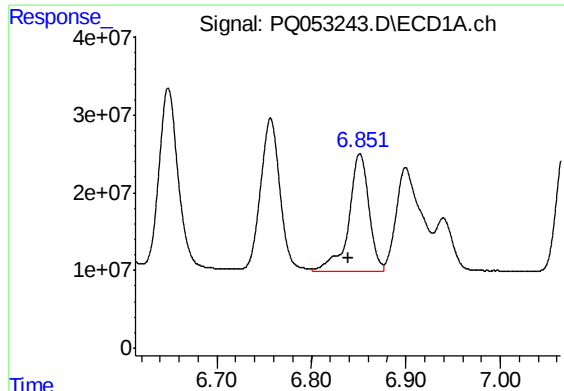
#14 AR-1232-4

R.T.: 6.757 min
Delta R.T.: 0.011 min
Response: 282266971
Conc: 986.91 ng/ml



#14 AR-1232-4

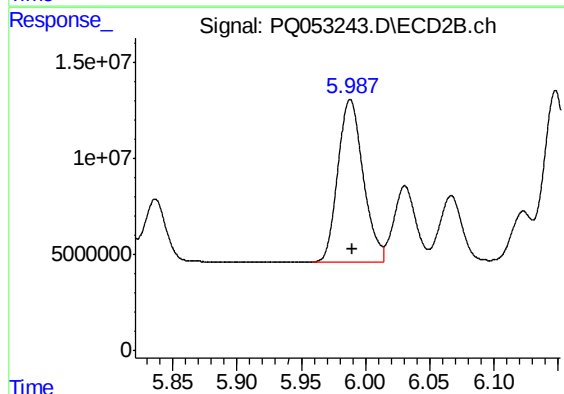
R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 115870264
Conc: 1106.69 ng/ml



#15 AR-1232-5

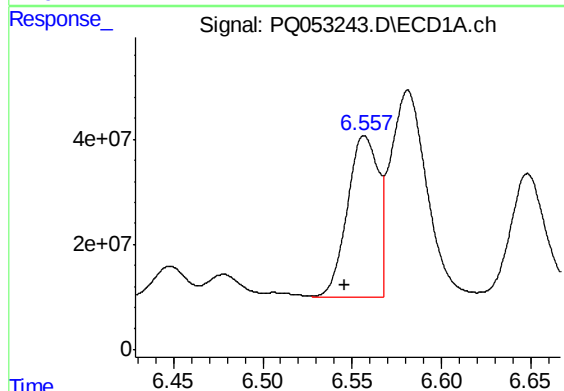
R.T.: 6.851 min
Delta R.T.: 0.012 min
Response: 224636255
Conc: 1100.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



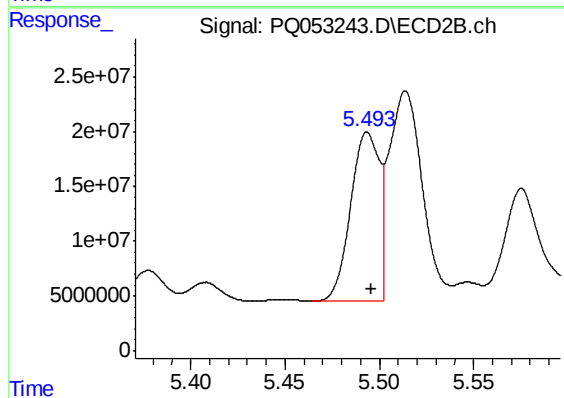
#15 AR-1232-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 114674207
Conc: 977.67 ng/ml



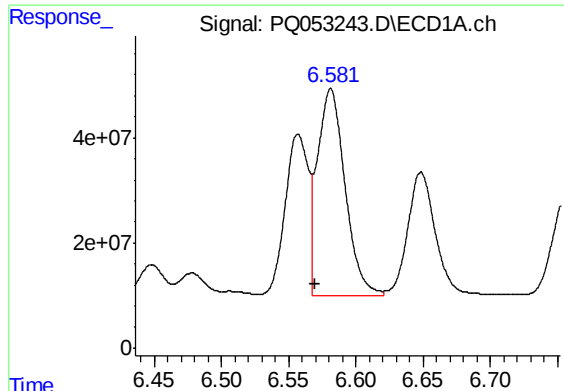
#16 AR-1242-1

R.T.: 6.557 min
Delta R.T.: 0.011 min
Response: 371022482
Conc: 409.17 ng/ml



#16 AR-1242-1

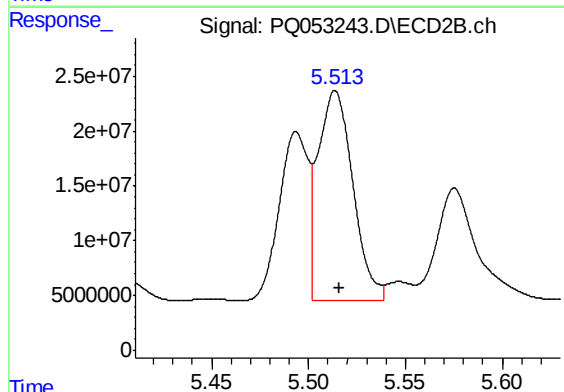
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 161825009
Conc: 403.72 ng/ml



#17 AR-1242-2

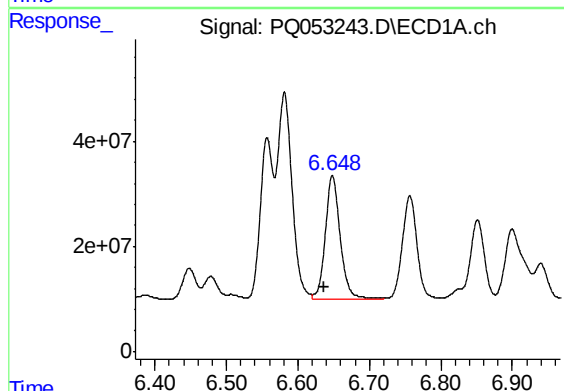
R.T.: 6.581 min
Delta R.T.: 0.011 min
Response: 562587185
Conc: 414.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



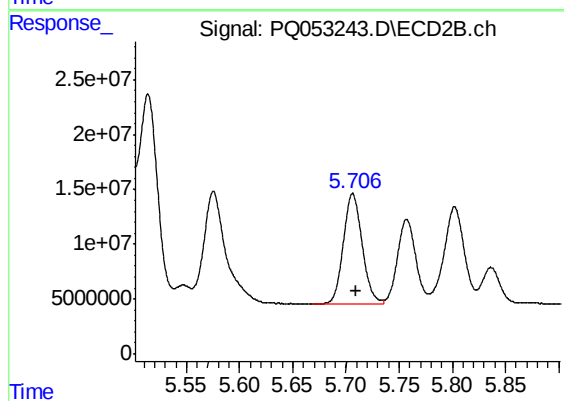
#17 AR-1242-2

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 237259581
Conc: 406.77 ng/ml



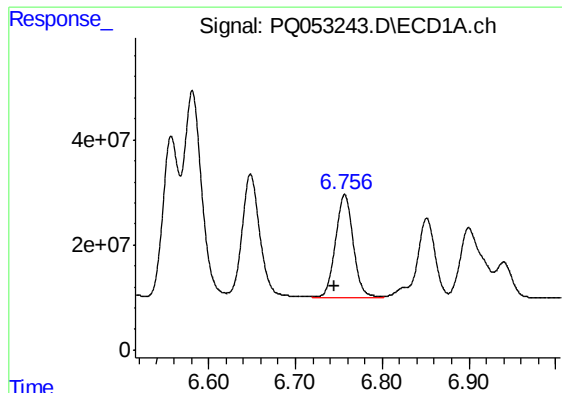
#18 AR-1242-3

R.T.: 6.648 min
Delta R.T.: 0.011 min
Response: 343092936
Conc: 415.75 ng/ml



#18 AR-1242-3

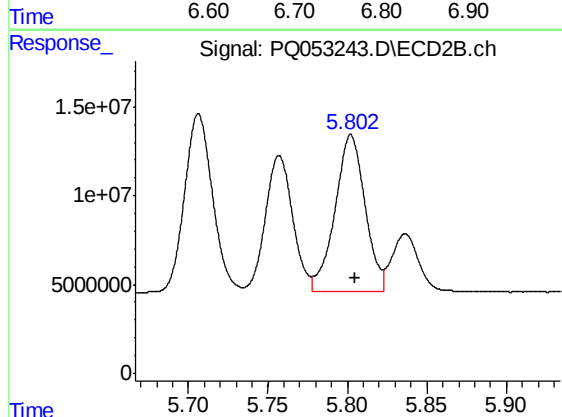
R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 123251258
Conc: 406.85 ng/ml



#19 AR-1242-4

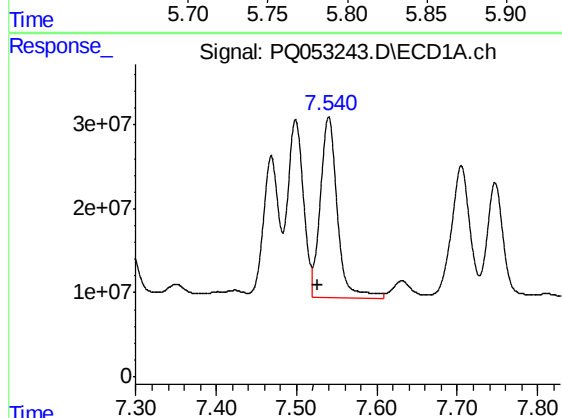
R.T.: 6.757 min
Delta R.T.: 0.012 min
Response: 282266971
Conc: 412.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



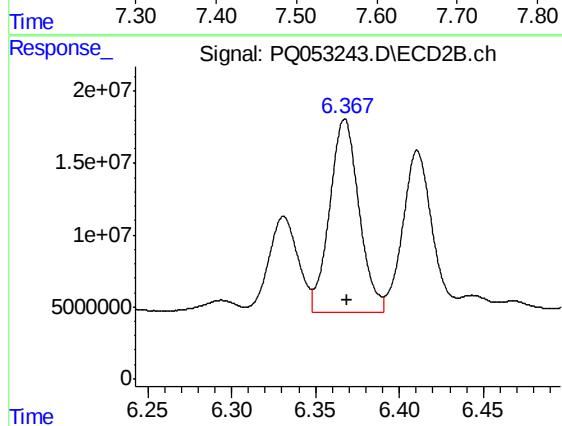
#19 AR-1242-4

R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 115870264
Conc: 407.35 ng/ml



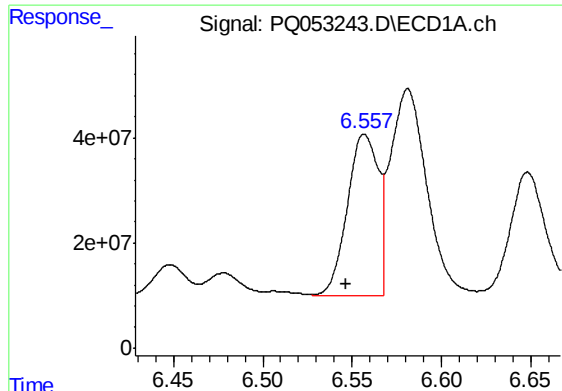
#20 AR-1242-5

R.T.: 7.540 min
Delta R.T.: 0.013 min
Response: 317641426
Conc: 435.42 ng/ml



#20 AR-1242-5

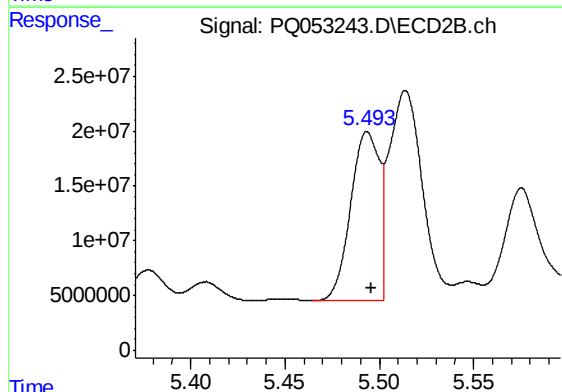
R.T.: 6.367 min
Delta R.T.: -0.001 min
Response: 164218096
Conc: 414.51 ng/ml



#21 AR-1248-1

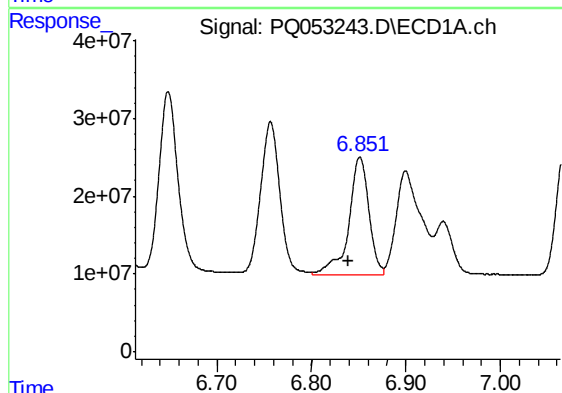
R.T.: 6.557 min
Delta R.T.: 0.010 min
Response: 371022482
Conc: 599.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



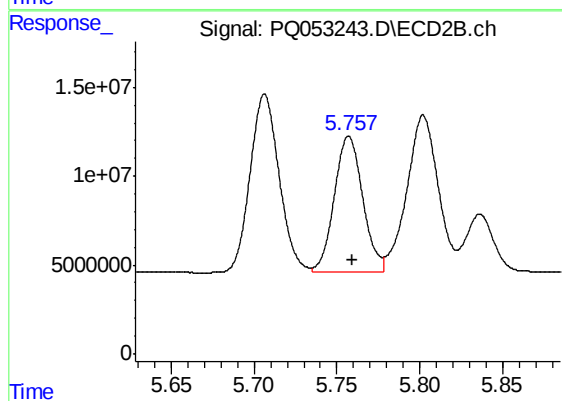
#21 AR-1248-1

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 161825009
Conc: 594.13 ng/ml



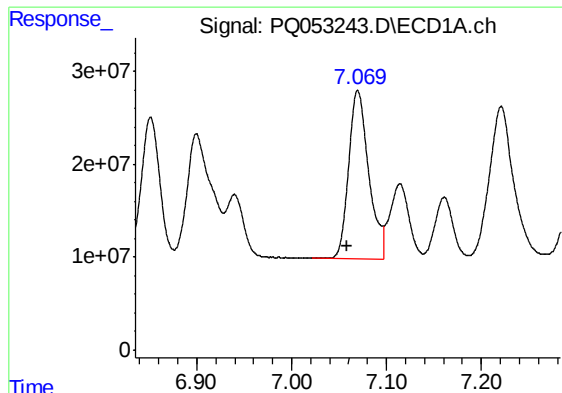
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: 0.012 min
Response: 224636255
Conc: 257.56 ng/ml



#22 AR-1248-2

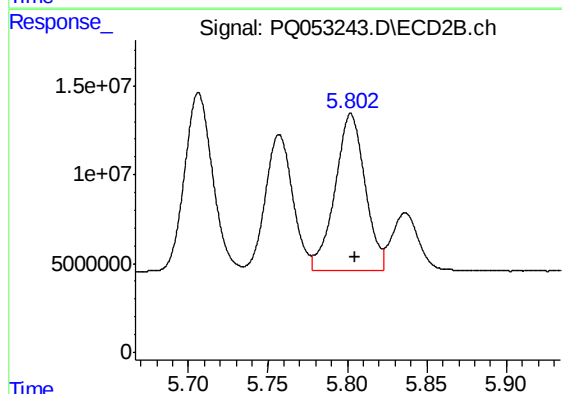
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 91771928
Conc: 246.82 ng/ml



#23 AR-1248-3

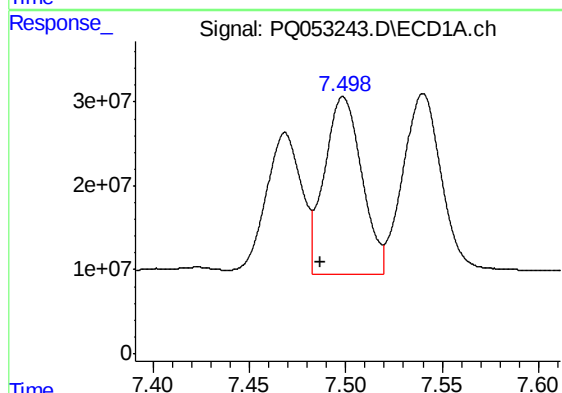
R.T.: 7.070 min
Delta R.T.: 0.011 min
Response: 265531531
Conc: 270.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



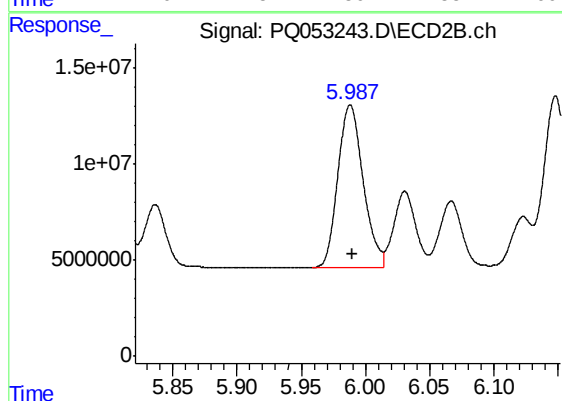
#23 AR-1248-3

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 115870264
Conc: 303.49 ng/ml



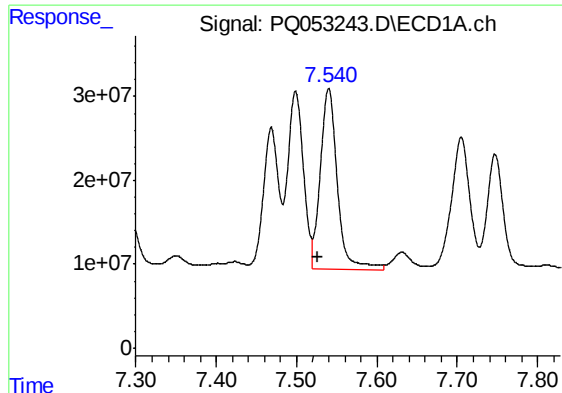
#24 AR-1248-4

R.T.: 7.499 min
Delta R.T.: 0.012 min
Response: 286161056
Conc: 250.42 ng/ml



#24 AR-1248-4

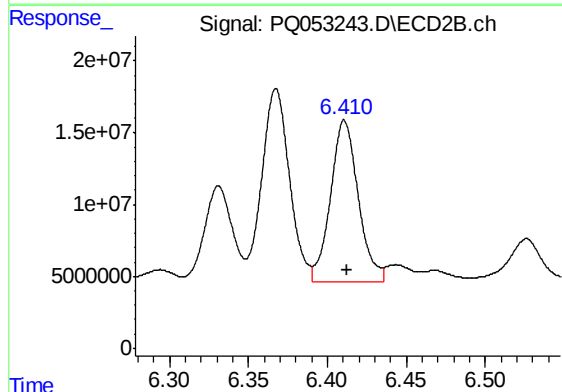
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 114674207
Conc: 245.30 ng/ml



#25 AR-1248-5

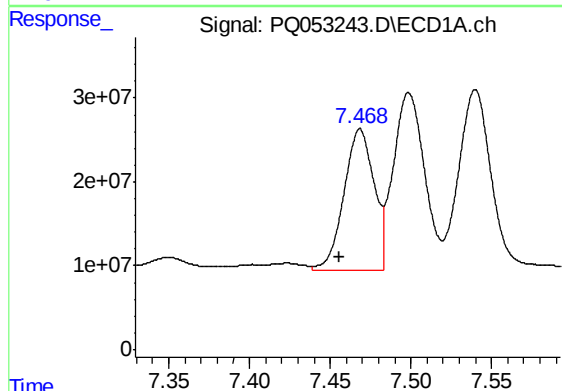
R.T.: 7.540 min
Delta R.T.: 0.013 min
Response: 317641426
Conc: 278.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



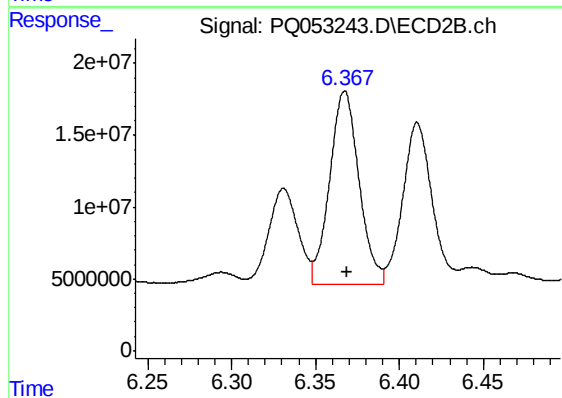
#25 AR-1248-5

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 137802843
Conc: 280.05 ng/ml



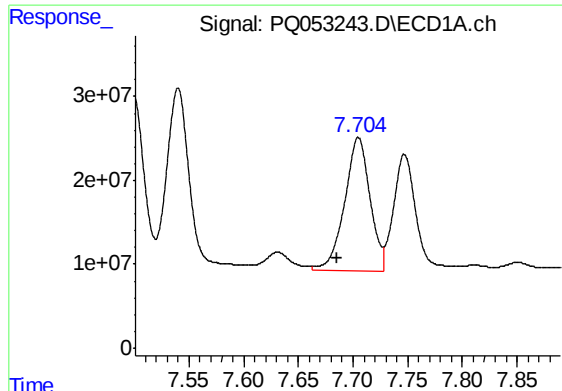
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: 0.013 min
Response: 217203385
Conc: 138.17 ng/ml



#26 AR-1254-1

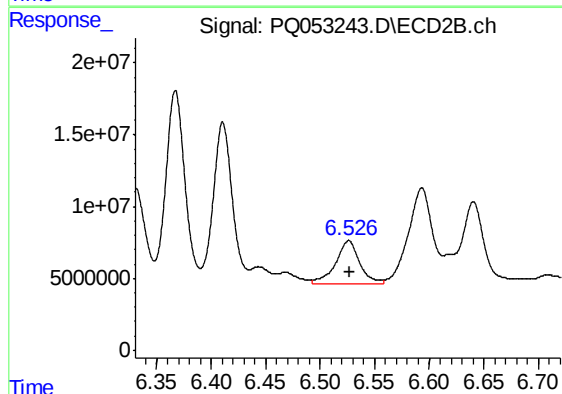
R.T.: 6.367 min
Delta R.T.: -0.001 min
Response: 164218096
Conc: 153.16 ng/ml



#27 AR-1254-2

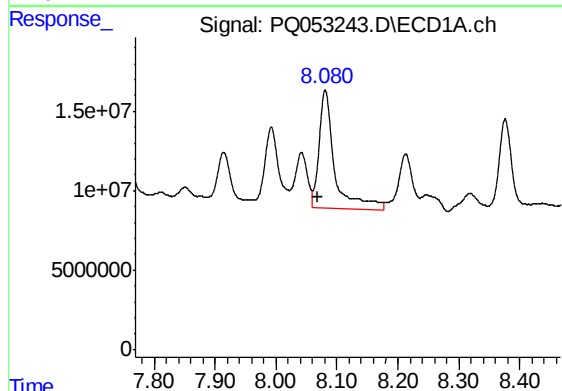
R.T.: 7.705 min
Delta R.T.: 0.020 min
Response: 256845221
Conc: 104.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



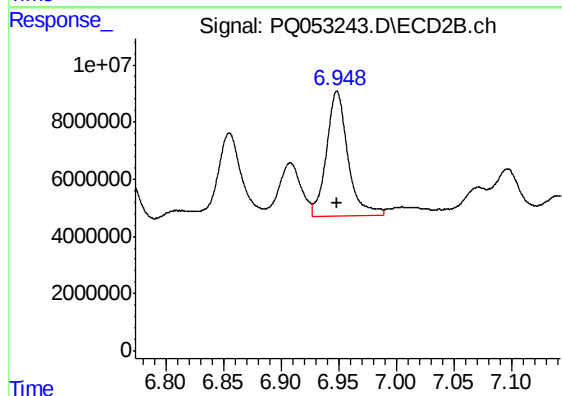
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: -0.001 min
Response: 46788659
Conc: 49.05 ng/ml



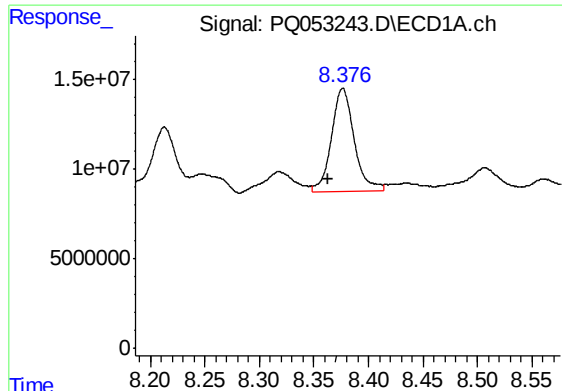
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.012 min
Response: 133299496
Conc: 50.65 ng/ml



#28 AR-1254-3

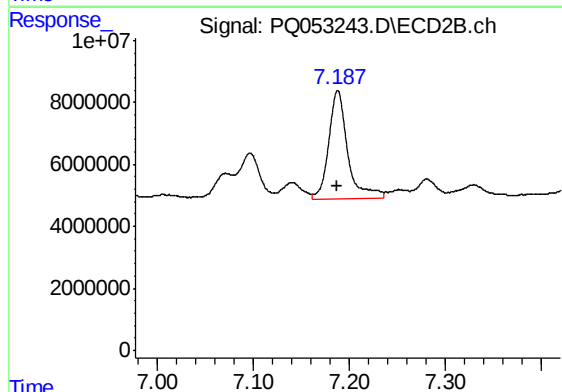
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 56327646
Conc: 36.37 ng/ml



#29 AR-1254-4

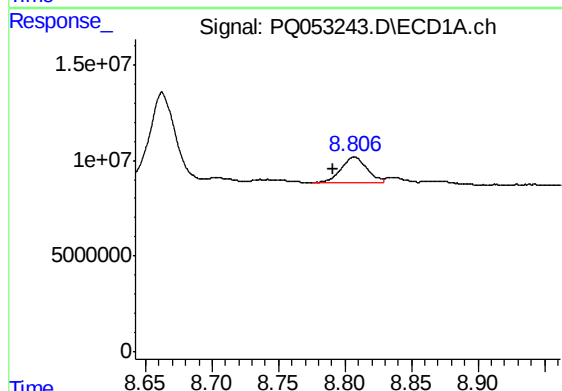
R.T.: 8.376 min
Delta R.T.: 0.014 min
Response: 84323408
Conc: 43.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



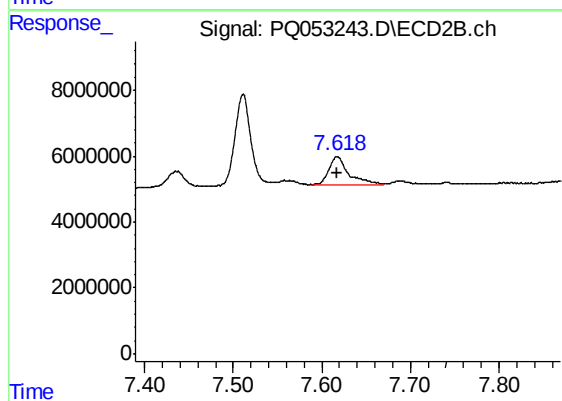
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 48522136
Conc: 46.34 ng/ml



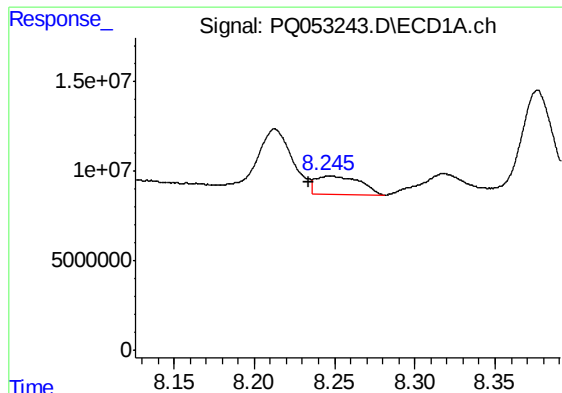
#30 AR-1254-5

R.T.: 8.807 min
Delta R.T.: 0.016 min
Response: 17738109
Conc: 8.67 ng/ml



#30 AR-1254-5

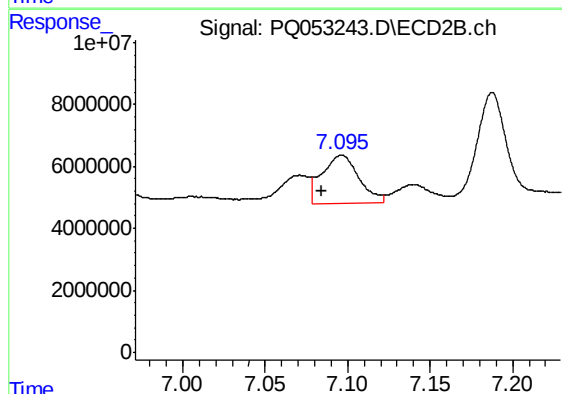
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 13760518
Conc: 9.43 ng/ml



#31 AR-1260-1

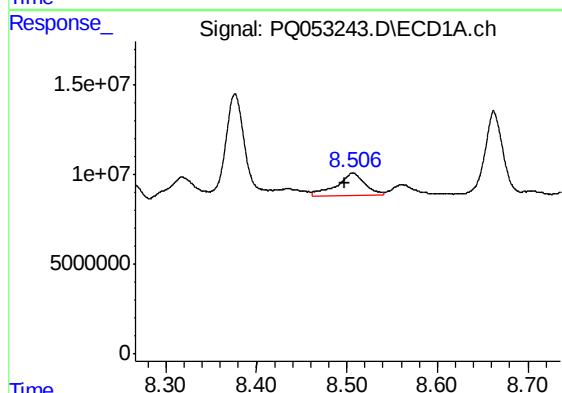
R.T.: 8.247 min
Delta R.T.: 0.013 min
Response: 19141192
Conc: 16.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



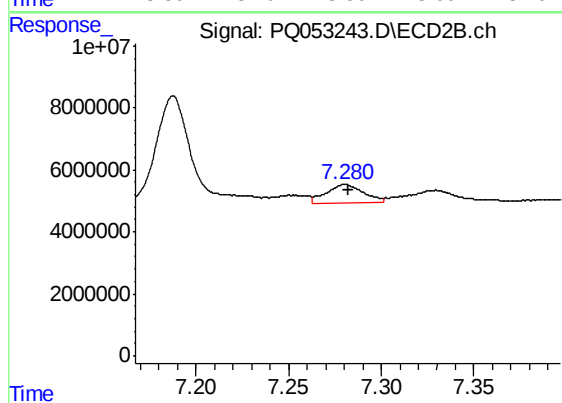
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.012 min
Response: 24001600
Conc: 37.04 ng/ml



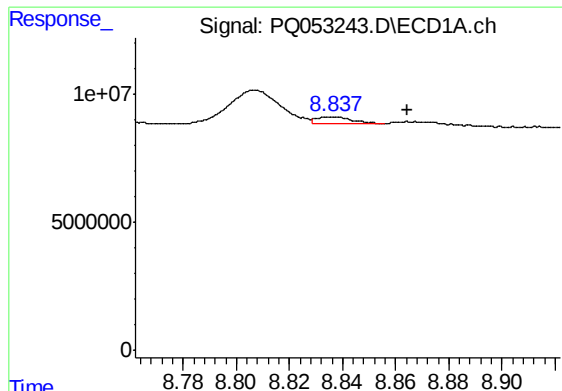
#32 AR-1260-2

R.T.: 8.507 min
Delta R.T.: 0.009 min
Response: 27491321
Conc: 19.73 ng/ml



#32 AR-1260-2

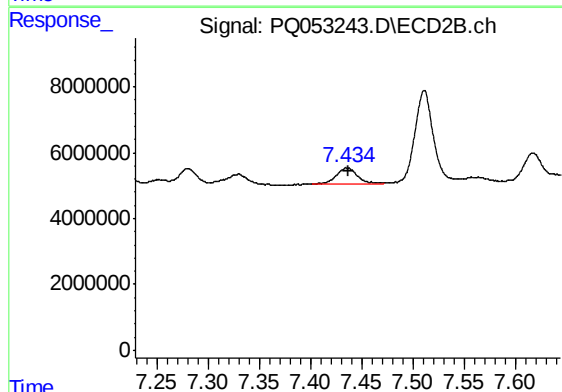
R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 8185095
Conc: 8.83 ng/ml



#33 AR-1260-3

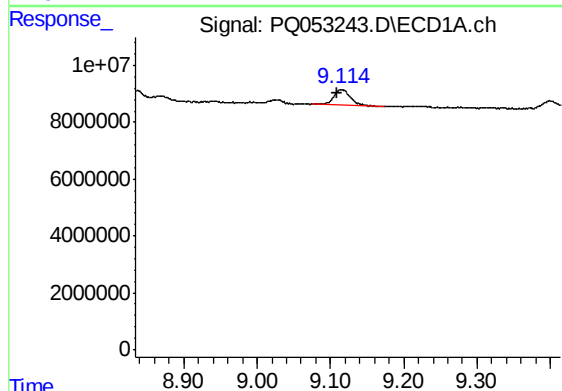
R.T.: 8.837 min
Delta R.T.: -0.028 min
Response: 2339578
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



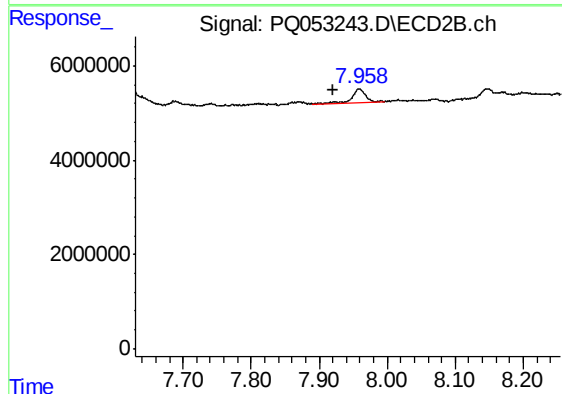
#33 AR-1260-3

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 6905409
Conc: 8.87 ng/ml



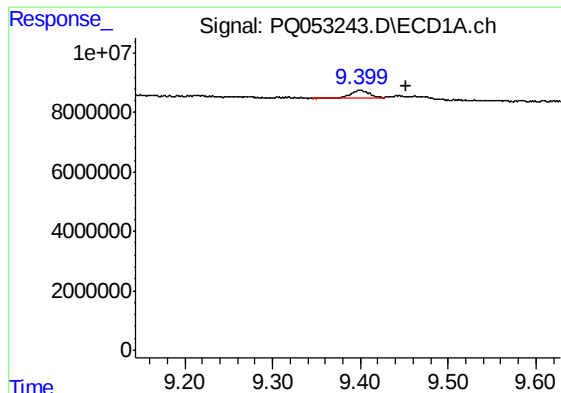
#34 AR-1260-4

R.T.: 9.114 min
Delta R.T.: 0.006 min
Response: 8725499
Conc: 7.21 ng/ml



#34 AR-1260-4

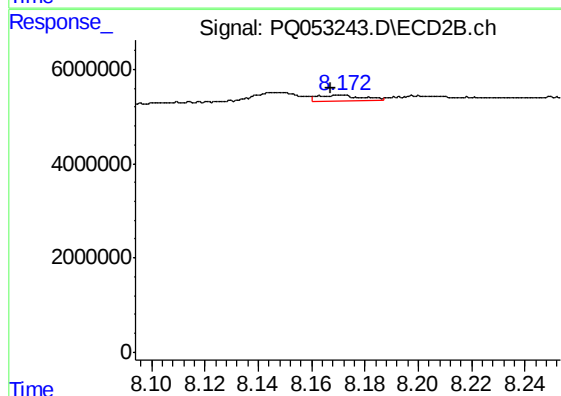
R.T.: 7.959 min
Delta R.T.: 0.038 min
Response: 4078257
Conc: 6.01 ng/ml



#35 AR-1260-5

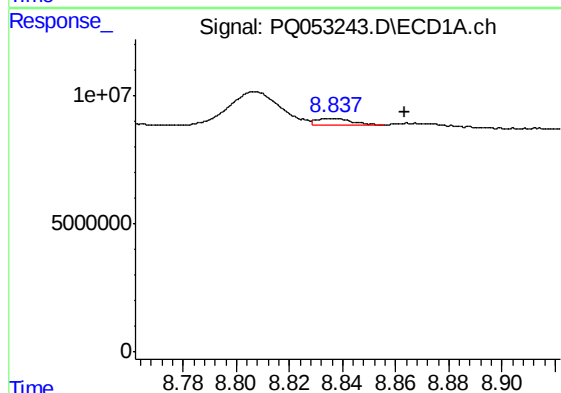
R.T.: 9.400 min
Delta R.T.: -0.053 min
Response: 3762293
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



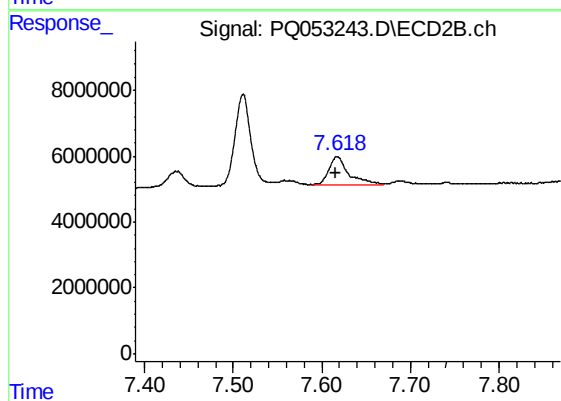
#35 AR-1260-5

R.T.: 8.172 min
Delta R.T.: 0.004 min
Response: 1392760
Conc: 0.75 ng/ml



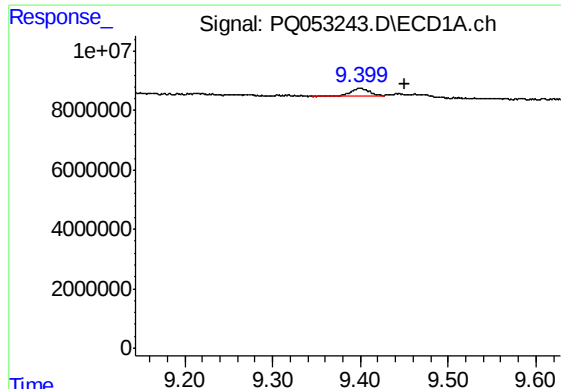
#36 AR-1262-1

R.T.: 8.837 min
Delta R.T.: -0.027 min
Response: 2339578
Conc: 1.17 ng/ml



#36 AR-1262-1

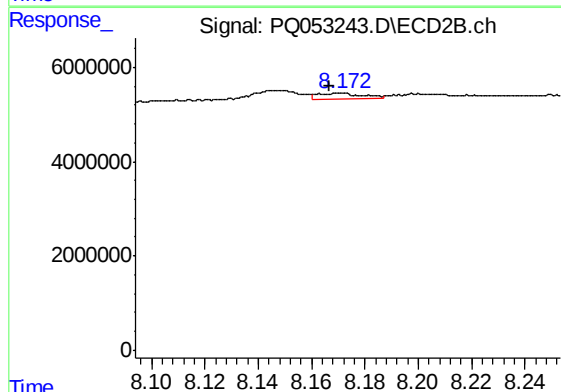
R.T.: 7.618 min
Delta R.T.: 0.002 min
Response: 13760518
Conc: 22.45 ng/ml



#37 AR-1262-2

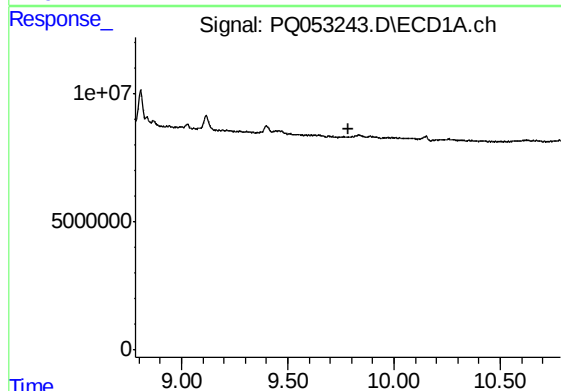
R.T.: 9.400 min
Delta R.T.: -0.051 min
Response: 3762293
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



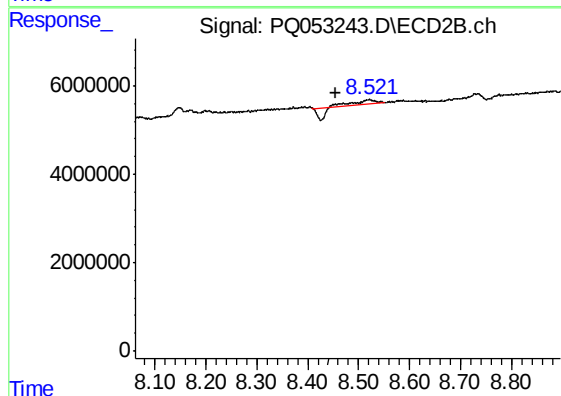
#37 AR-1262-2

R.T.: 8.172 min
Delta R.T.: 0.005 min
Response: 1392760
Conc: 0.55 ng/ml



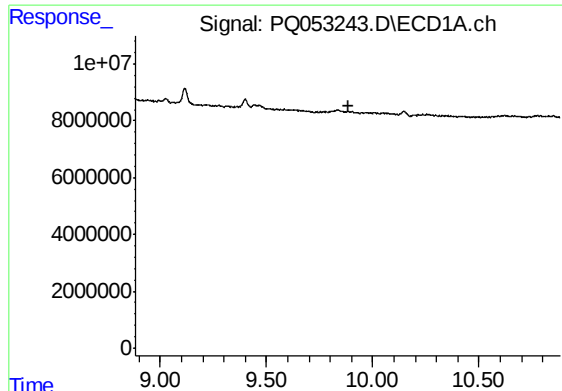
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.783 min
Response: 0
Conc: N.D.



#38 AR-1262-3

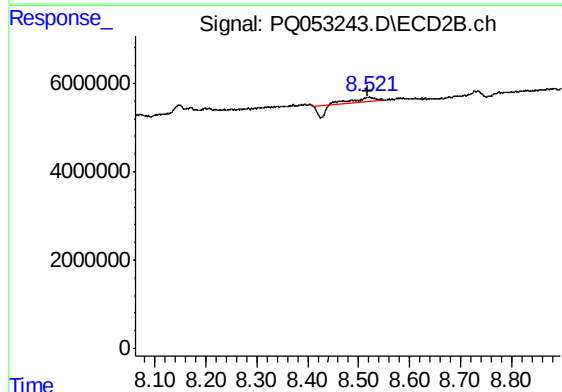
R.T.: 8.517 min
Delta R.T.: 0.063 min
Response: 763162
Conc: 0.75 ng/ml



#39 AR-1262-4

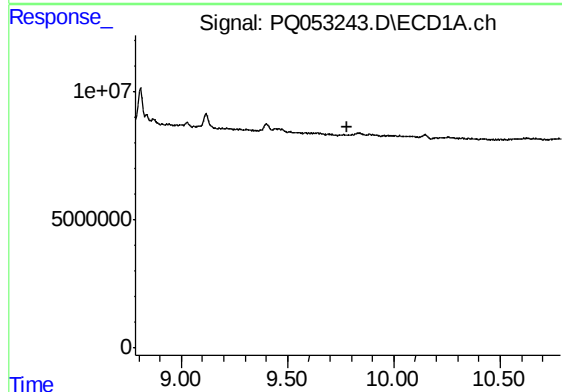
R.T.: 0.000 min
Exp R.T. : 9.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12423096



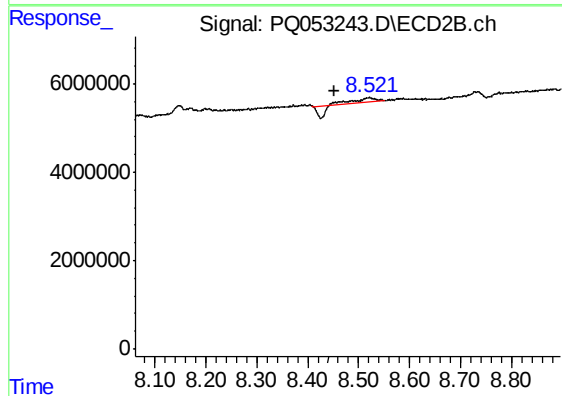
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 763162
Conc: 0.44 ng/ml



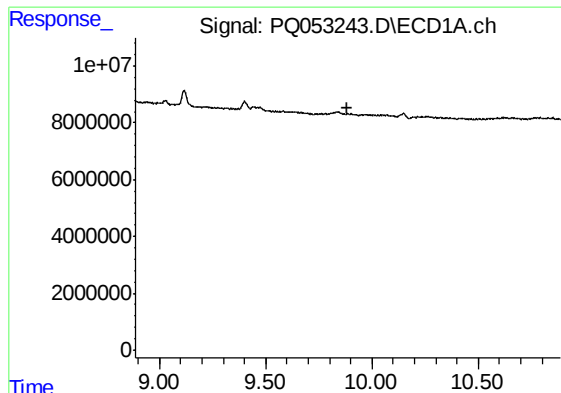
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.784 min
Response: 0
Conc: N.D.



#41 AR-1268-1

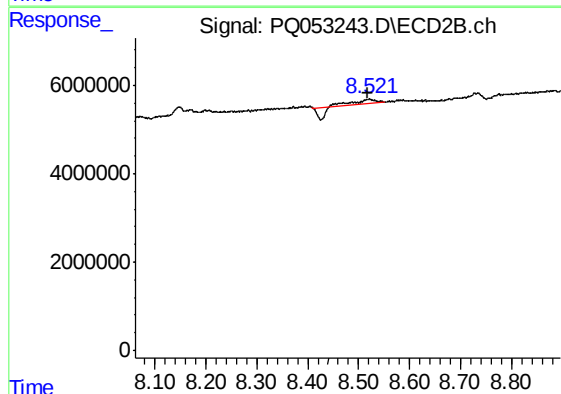
R.T.: 8.517 min
Delta R.T.: 0.065 min
Response: 763162
Conc: 0.26 ng/ml



#42 AR-1268-2

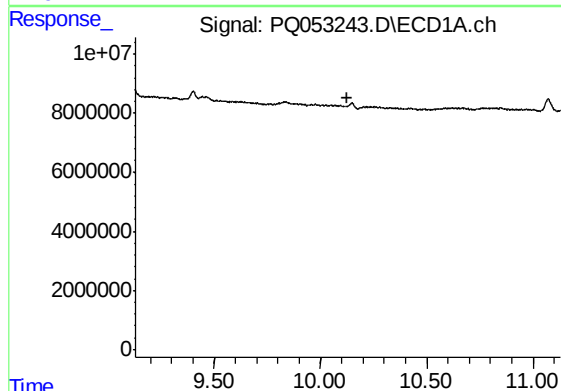
R.T.: 0.000 min
Exp R.T. : 9.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12423096



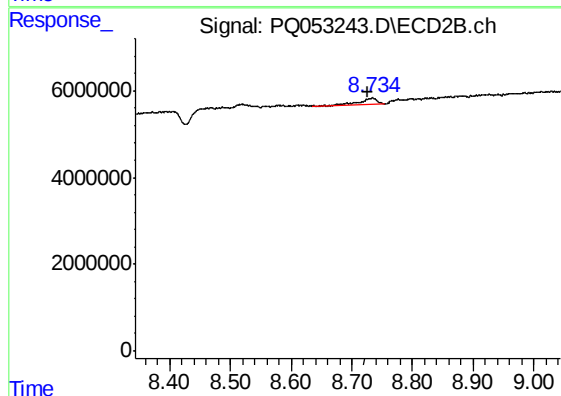
#42 AR-1268-2

R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 763162
Conc: 0.31 ng/ml



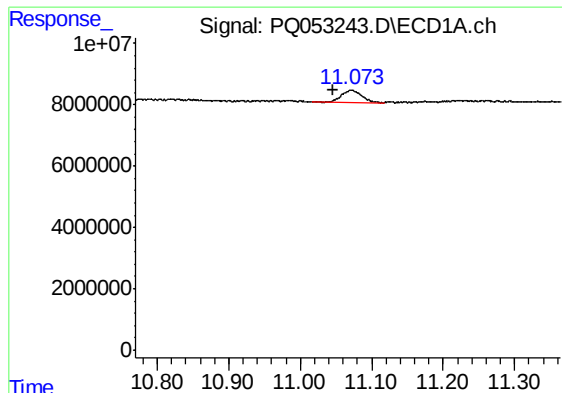
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.129 min
Response: 0
Conc: N.D.



#43 AR-1268-3

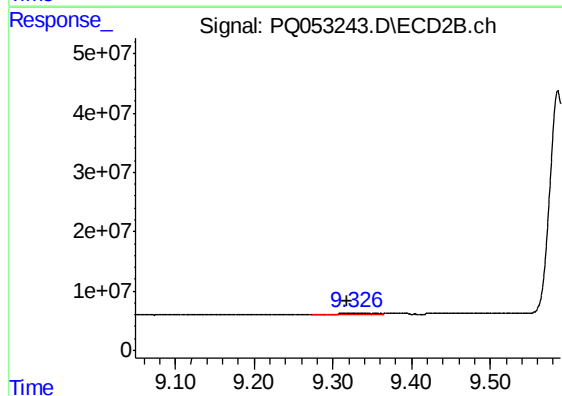
R.T.: 8.734 min
Delta R.T.: 0.007 min
Response: 2798984
Conc: 1.29 ng/ml



#45 AR-1268-5

R.T.: 11.071 min
Delta R.T.: 0.024 min
Response: 7818584
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423096



#45 AR-1268-5

R.T.: 9.325 min
Delta R.T.: 0.007 min
Response: 3327221
Conc: 0.54 ng/ml