

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100919\
 Data File : PQ044192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 23:08
 Operator : HP\AJ
 Sample : K5223-16
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEPA4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:19:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.317	4.355	35958604	43518271	9.249	9.749
2)	SA Decachlor...	11.600	9.802	67866509	82423447	12.668	13.780
Target Compounds							
3)	L1 AR-1016-1	6.638	5.638	40480144	52431526	356.697	382.229
4)	L1 AR-1016-2	6.664	5.657	28813737	26814500	178.601	121.097 #
5)	L1 AR-1016-3	6.740	5.858	13491016	8794395	132.543	84.273 #
6)	L1 AR-1016-4	6.836	5.903	8951751	77208254	108.338	826.162 #
7)	L1 AR-1016-5	7.154	6.139	29555785	46354311	390.765	379.084
9)	L2 AR-1221-2	5.664	0.000	2796592	0	95.947	N.D. #
10)	L2 AR-1221-3	5.749	4.878	2331575	1907731	23.969	18.167
11)	L3 AR-1232-1	5.749	4.878	2331575	1907731	27.785	20.615 #
12)	L3 AR-1232-2	6.343	5.657	25295404	26814500	651.188	254.239 #
13)	L3 AR-1232-3	6.664	5.858	28813737	8794395	375.589	177.960 #
14)	L3 AR-1232-4	6.836	5.948	8951751	78046520	236.001	1654.876 #
15)	L3 AR-1232-5	6.934	6.139	58119090	46354311	2061.297	847.995 #
16)	L4 AR-1242-1	6.638	5.638	40480144	52431526	414.631	442.363
17)	L4 AR-1242-2	6.664	5.657	28813737	26814500	207.152	142.135 #
18)	L4 AR-1242-3	6.740	5.858	13491016	8794395	151.801	95.086 #
19)	L4 AR-1242-4	6.836	5.948	8951751	78046520	125.321	794.056 #
20)	L4 AR-1242-5	7.626	6.522	35089929	73321756	461.558	575.411
21)	L5 AR-1248-1	6.638	5.638	40480144	52431526	551.675	579.020
22)	L5 AR-1248-2	6.934	5.903	58119090	77208254	586.705	557.037
23)	L5 AR-1248-3	7.154	5.948	29555785	78046520	273.668	551.857 #
24)	L5 AR-1248-4	7.584	6.139	19010903	46354311	150.998	269.870 #
25)	L5 AR-1248-5	7.626	6.566	35089929	41085215	289.812	245.403
26)	L6 AR-1254-1	7.555	6.522	37215956	73321756	276.580	251.389
27)	L6 AR-1254-2	7.788	6.681	54908771	50306682	257.033	192.673 #
28)	L6 AR-1254-3	8.172	7.110	53720281	101.5E6	218.333	232.327
29)	L6 AR-1254-4	8.468	7.349	28729011	42149539	143.245	156.908
30)	L6 AR-1254-5	8.901	7.783	32250806	30783828	134.746	76.986 #
31)	L7 AR-1260-1	8.340	7.246	14669457	39583116	97.450	162.798 #
32)	L7 AR-1260-2	8.605	7.443	16063413	23342239	81.619	77.329
33)	L7 AR-1260-3	8.979	7.603	9330477	24218198	58.195	86.057 #
34)	L7 AR-1260-4	9.221	8.090	12912840	13051777	66.133	51.881
35)	L7 AR-1260-5	9.580	8.337	13859932	28100505	30.316	43.843 #
36)	L8 AR-1262-1	9.045	7.783	2643695	30783828	24.342	157.746 #
37)	L8 AR-1262-2	9.580	8.337	13859932	28100505	24.067	35.517 #
38)	L8 AR-1262-3	9.925	8.627	13794686	13184014	33.251	41.571 #
39)	L8 AR-1262-4	10.028	8.693	10758346	21894484	34.151	35.926
40)	L8 AR-1262-5	10.759	9.210	7370920	8078132	28.998	28.810
41)	L9 AR-1268-1	9.925	8.627	13794686	13184014	19.292	13.669 #
42)	L9 AR-1268-2	10.028	8.693	10758346	21894484	15.831	24.077 #
43)	L9 AR-1268-3	10.281	8.901	2276218	11303771	3.966	14.923 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100919\
 Data File : PQ044192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 23:08
 Operator : HP\AJ
 Sample : K5223-16
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

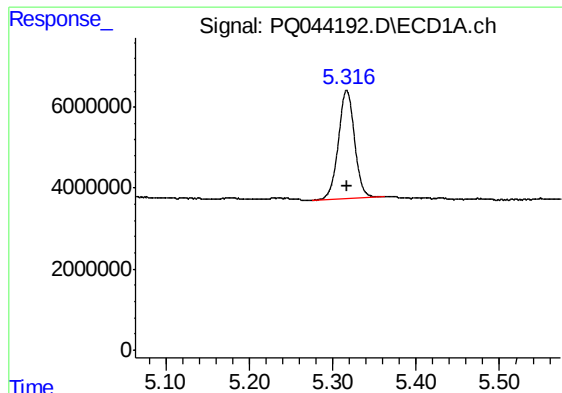
Instrument :
 ECD_Q
 ClientSampleId :
 BEPA4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:19:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	10.759	9.210	7370920	8078132	25.584	24.704
45) L9	AR-1268-5	11.222	9.524	9470699	10825050	4.356	4.156

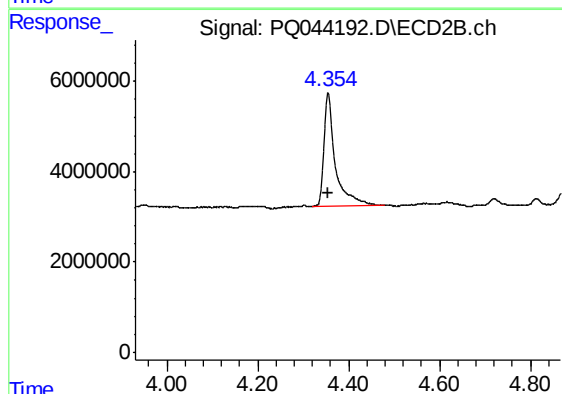
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

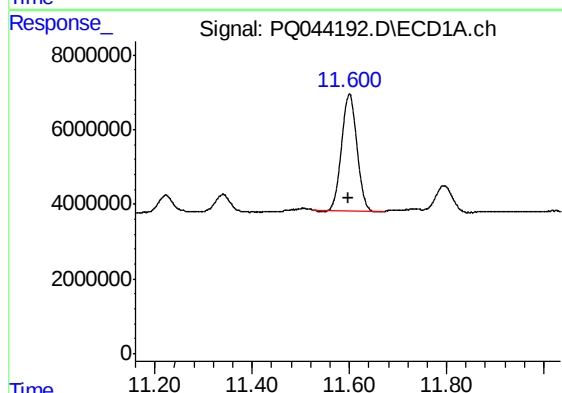
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 35958604
Conc: 9.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



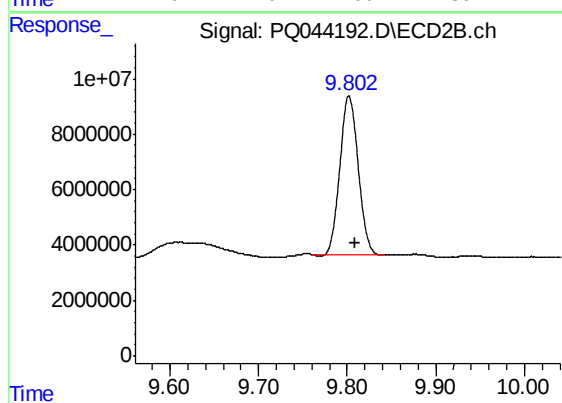
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 43518271
Conc: 9.75 ng/ml



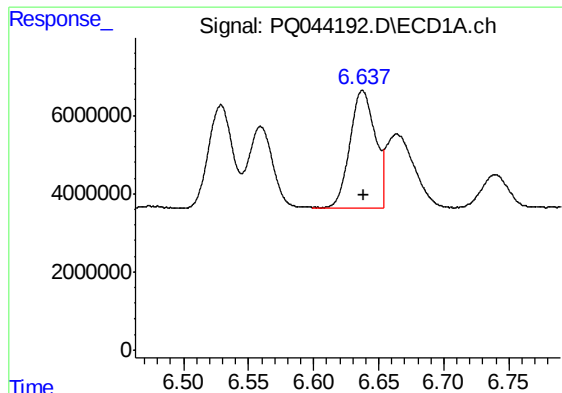
#2 Decachlorobiphenyl

R.T.: 11.600 min
Delta R.T.: 0.001 min
Response: 67866509
Conc: 12.67 ng/ml



#2 Decachlorobiphenyl

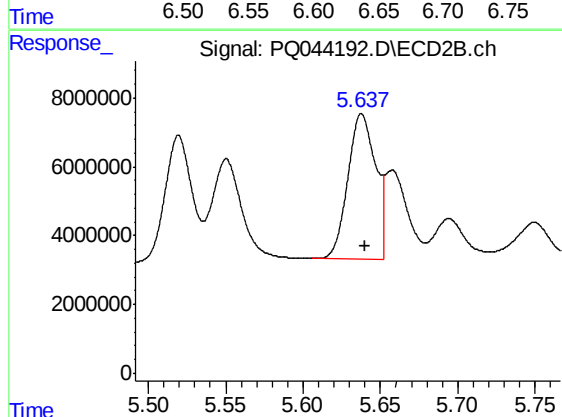
R.T.: 9.802 min
Delta R.T.: -0.007 min
Response: 82423447
Conc: 13.78 ng/ml



#3 AR-1016-1

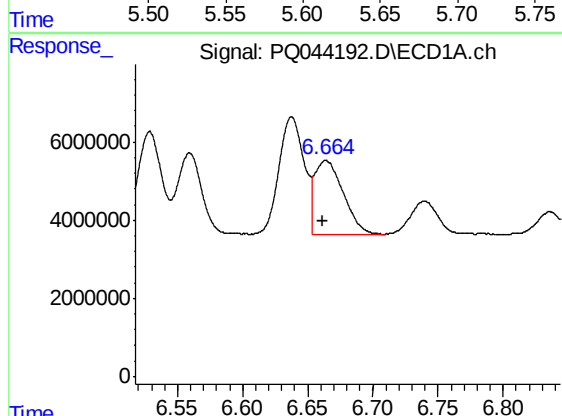
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 40480144
Conc: 356.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



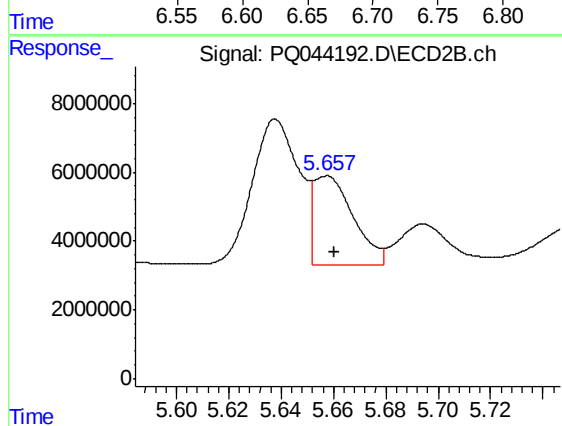
#3 AR-1016-1

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 52431526
Conc: 382.23 ng/ml



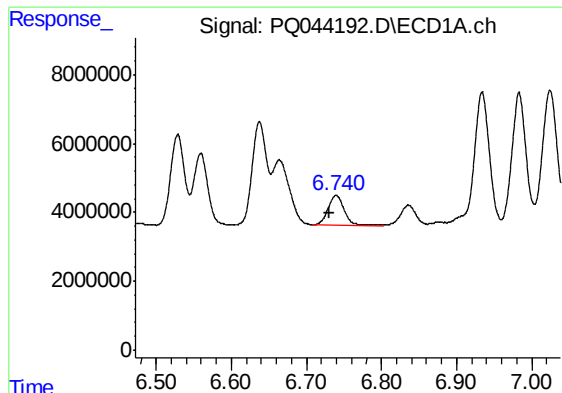
#4 AR-1016-2

R.T.: 6.664 min
Delta R.T.: 0.002 min
Response: 28813737
Conc: 178.60 ng/ml



#4 AR-1016-2

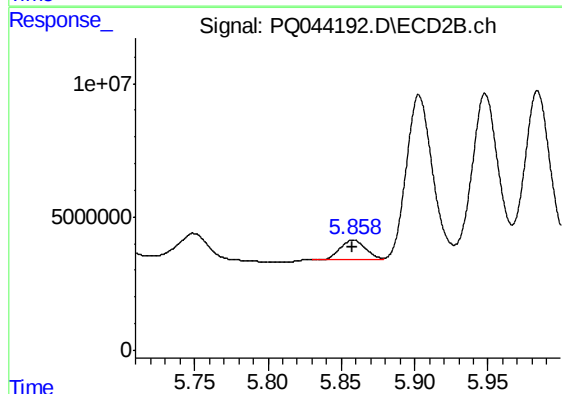
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 26814500
Conc: 121.10 ng/ml



#5 AR-1016-3

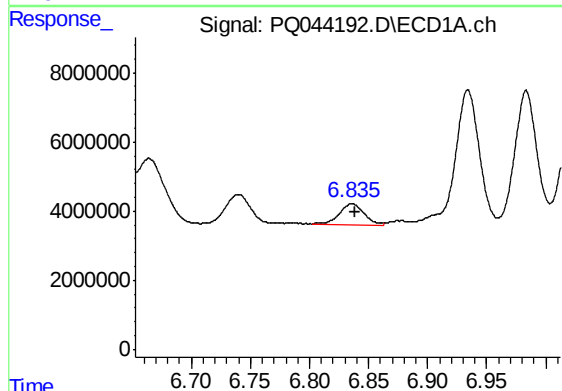
R.T.: 6.740 min
Delta R.T.: 0.010 min
Response: 13491016
Conc: 132.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



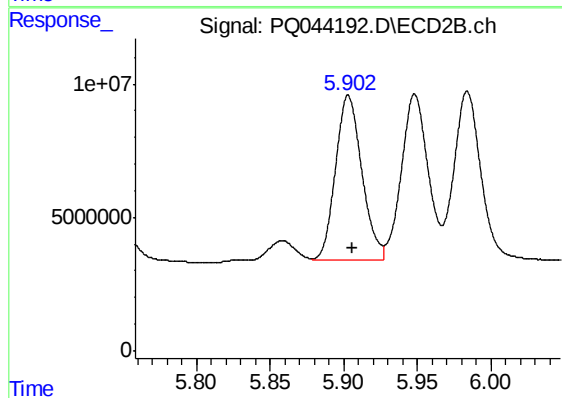
#5 AR-1016-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8794395
Conc: 84.27 ng/ml



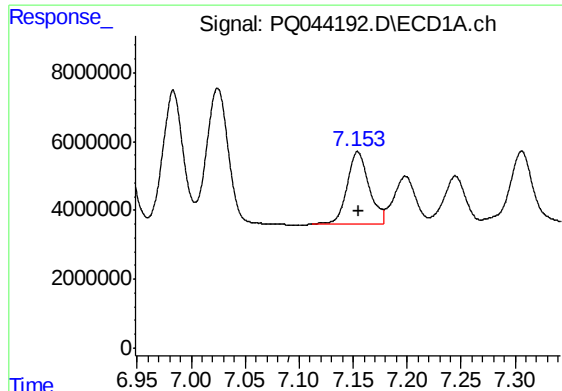
#6 AR-1016-4

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 8951751
Conc: 108.34 ng/ml



#6 AR-1016-4

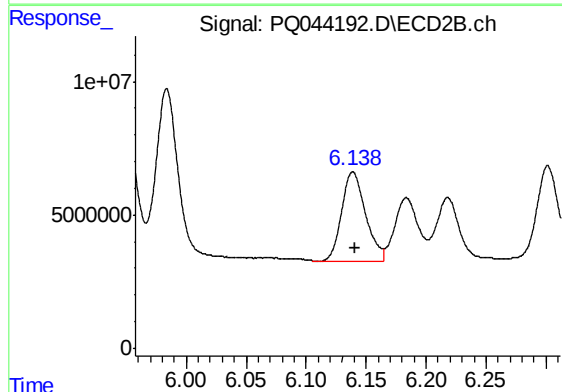
R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 77208254
Conc: 826.16 ng/ml



#7 AR-1016-5

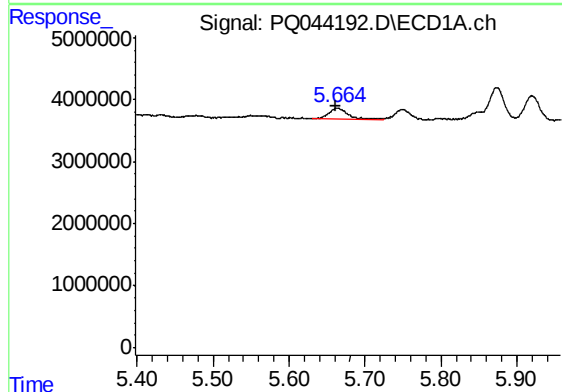
R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 29555785
Conc: 390.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



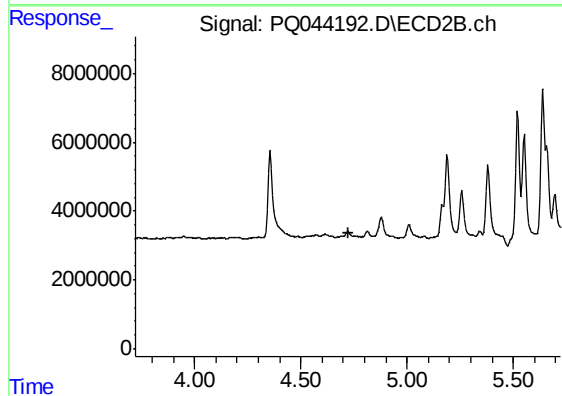
#7 AR-1016-5

R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 46354311
Conc: 379.08 ng/ml



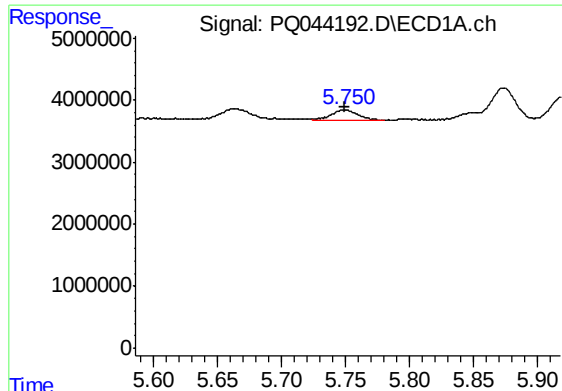
#9 AR-1221-2

R.T.: 5.664 min
Delta R.T.: 0.002 min
Response: 2796592
Conc: 95.95 ng/ml



#9 AR-1221-2

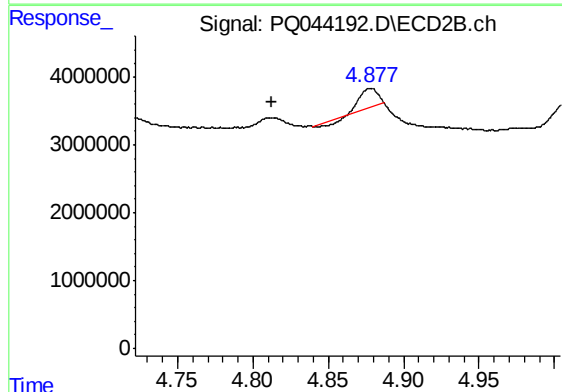
R.T.: 0.000 min
Exp R.T. : 4.722 min
Response: 0
Conc: N.D.



#10 AR-1221-3

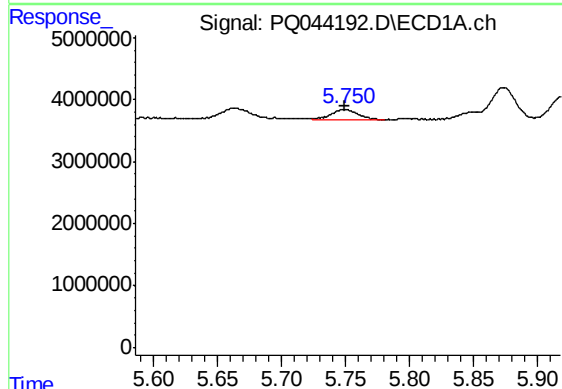
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 2331575
Conc: 23.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



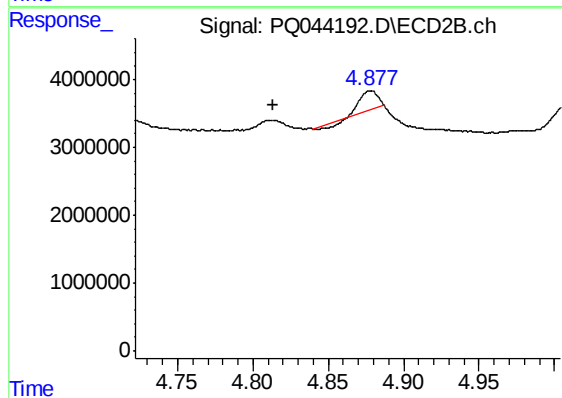
#10 AR-1221-3

R.T.: 4.878 min
Delta R.T.: 0.065 min
Response: 1907731
Conc: 18.17 ng/ml



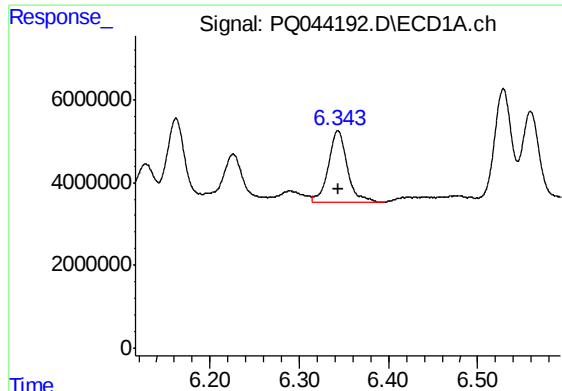
#11 AR-1232-1

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 2331575
Conc: 27.78 ng/ml



#11 AR-1232-1

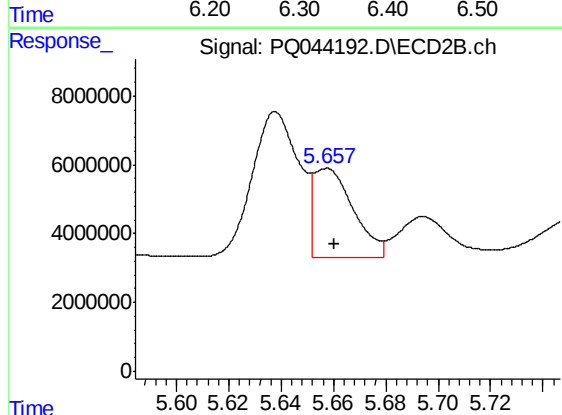
R.T.: 4.878 min
Delta R.T.: 0.065 min
Response: 1907731
Conc: 20.62 ng/ml



#12 AR-1232-2

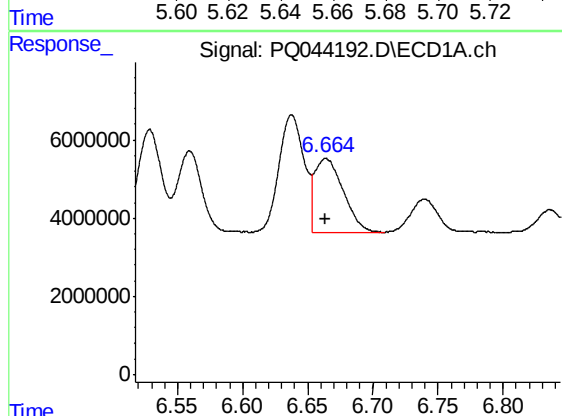
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 25295404
Conc: 651.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



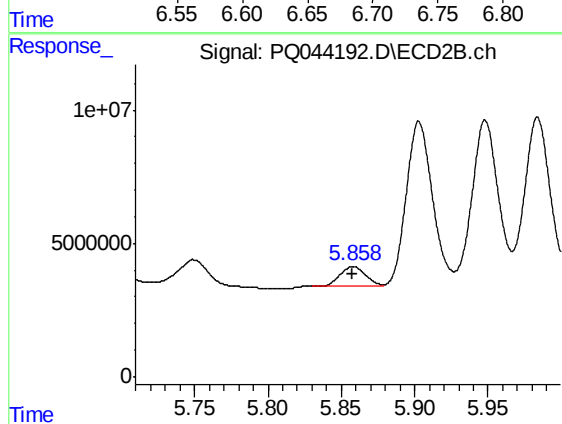
#12 AR-1232-2

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 26814500
Conc: 254.24 ng/ml



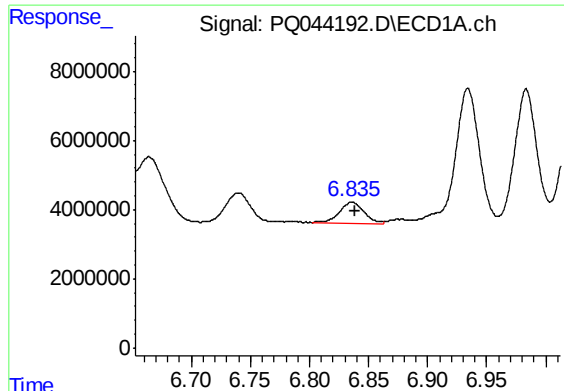
#13 AR-1232-3

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 28813737
Conc: 375.59 ng/ml



#13 AR-1232-3

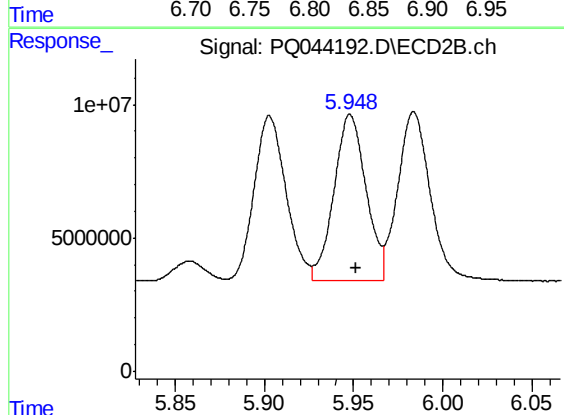
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8794395
Conc: 177.96 ng/ml



#14 AR-1232-4

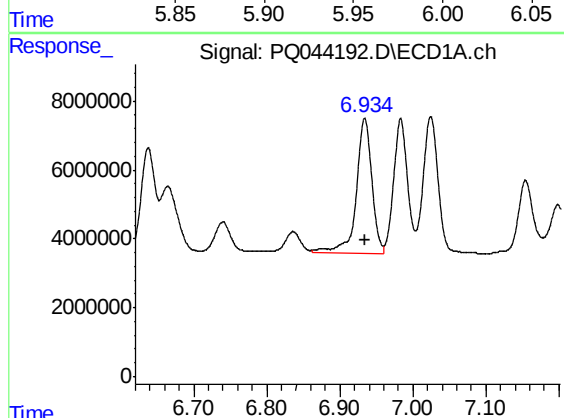
R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 8951751
Conc: 236.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



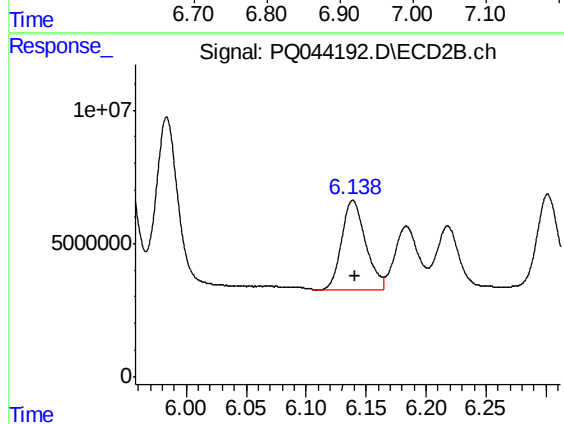
#14 AR-1232-4

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 78046520
Conc: 1654.88 ng/ml



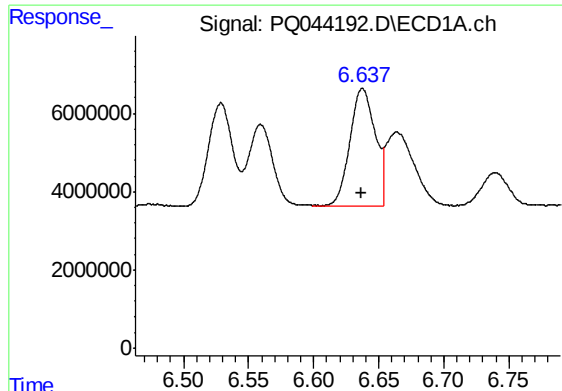
#15 AR-1232-5

R.T.: 6.934 min
Delta R.T.: -0.001 min
Response: 58119090
Conc: 2061.30 ng/ml



#15 AR-1232-5

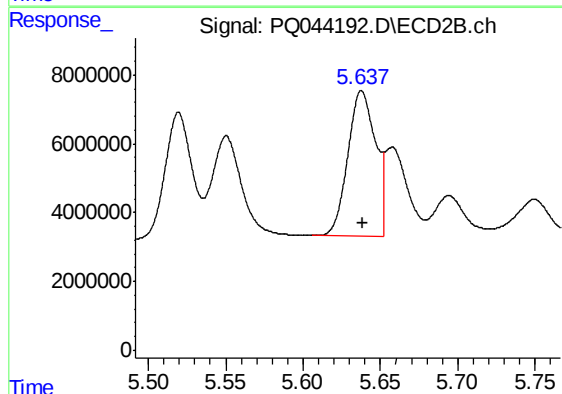
R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 46354311
Conc: 847.99 ng/ml



#16 AR-1242-1

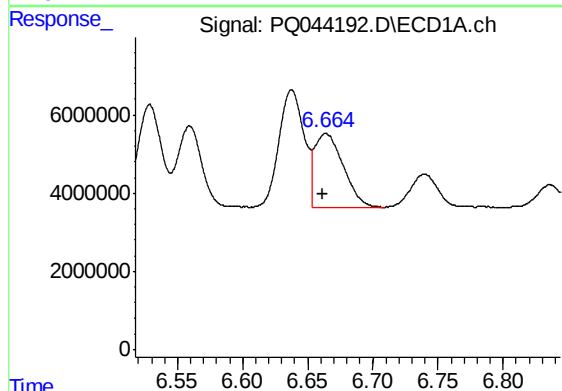
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 40480144
Conc: 414.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



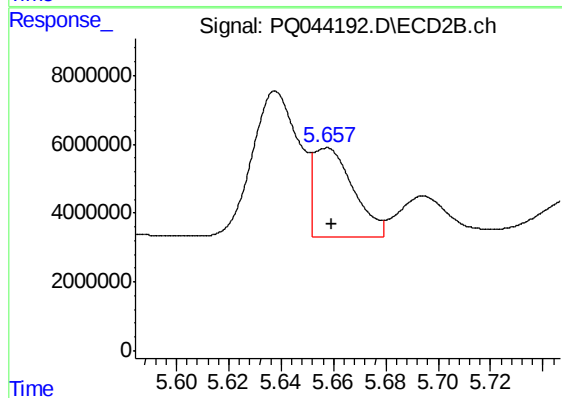
#16 AR-1242-1

R.T.: 5.638 min
Delta R.T.: -0.001 min
Response: 52431526
Conc: 442.36 ng/ml



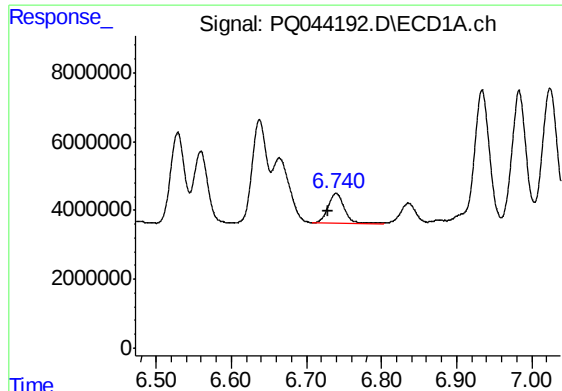
#17 AR-1242-2

R.T.: 6.664 min
Delta R.T.: 0.002 min
Response: 28813737
Conc: 207.15 ng/ml



#17 AR-1242-2

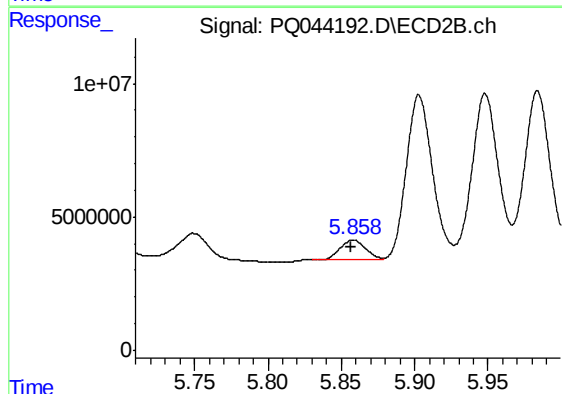
R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 26814500
Conc: 142.13 ng/ml



#18 AR-1242-3

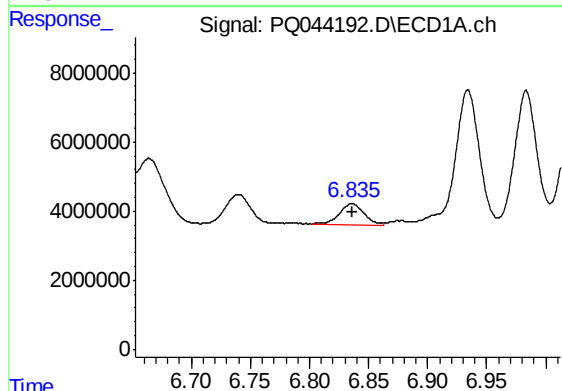
R.T.: 6.740 min
Delta R.T.: 0.011 min
Response: 13491016
Conc: 151.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



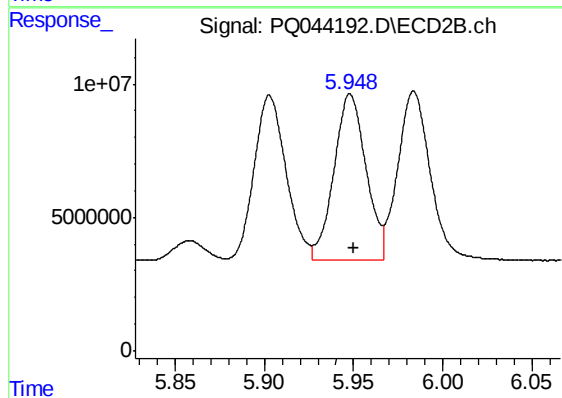
#18 AR-1242-3

R.T.: 5.858 min
Delta R.T.: 0.001 min
Response: 8794395
Conc: 95.09 ng/ml



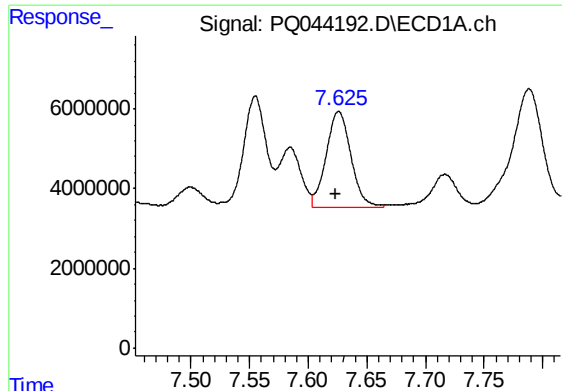
#19 AR-1242-4

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 8951751
Conc: 125.32 ng/ml



#19 AR-1242-4

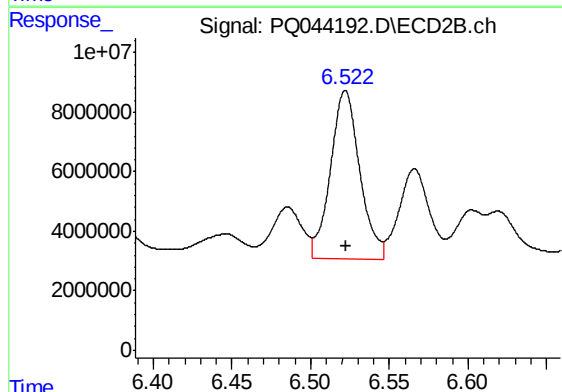
R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 78046520
Conc: 794.06 ng/ml



#20 AR-1242-5

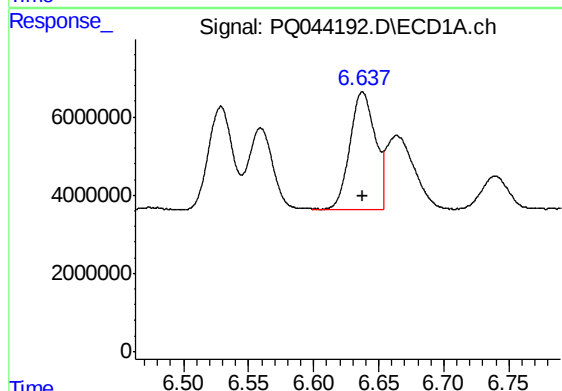
R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 35089929
Conc: 461.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



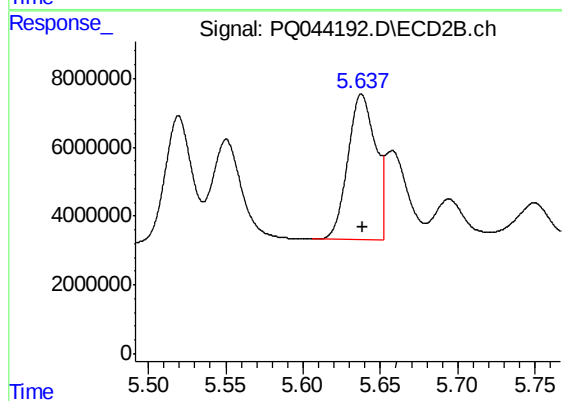
#20 AR-1242-5

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 73321756
Conc: 575.41 ng/ml



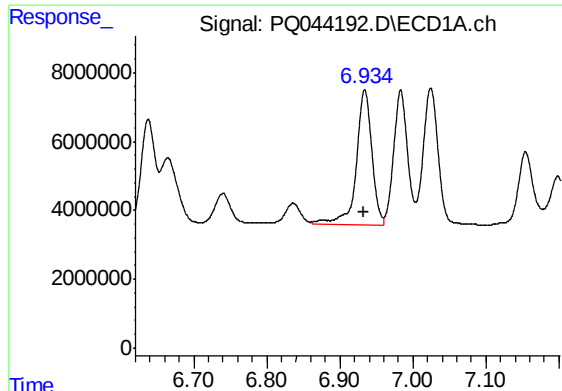
#21 AR-1248-1

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 40480144
Conc: 551.67 ng/ml



#21 AR-1248-1

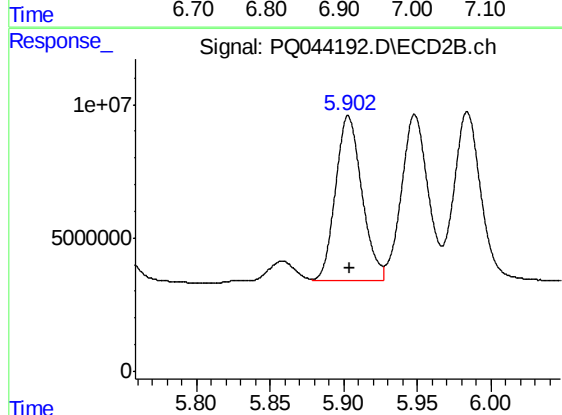
R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 52431526
Conc: 579.02 ng/ml



#22 AR-1248-2

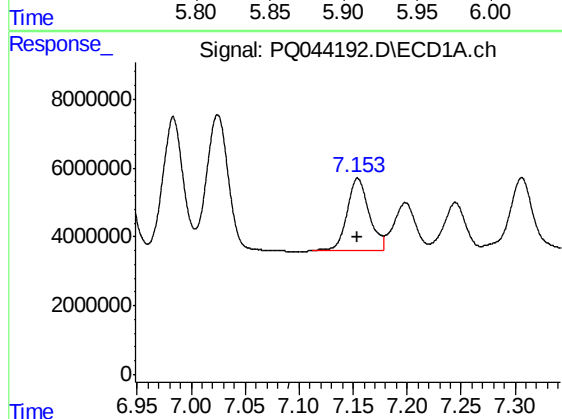
R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 58119090
Conc: 586.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



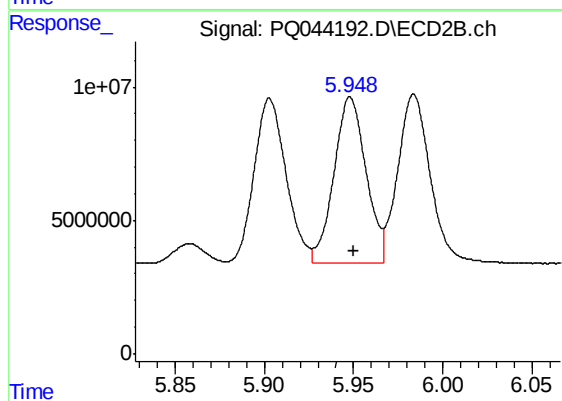
#22 AR-1248-2

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 77208254
Conc: 557.04 ng/ml



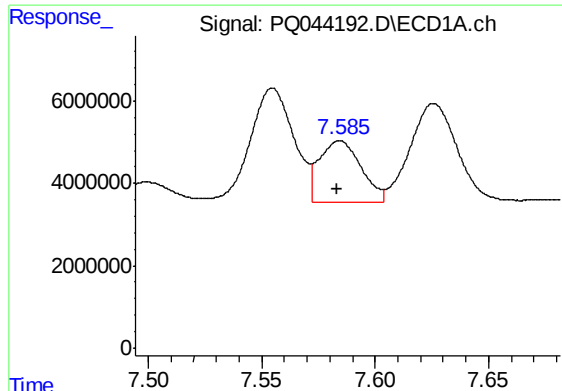
#23 AR-1248-3

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 29555785
Conc: 273.67 ng/ml



#23 AR-1248-3

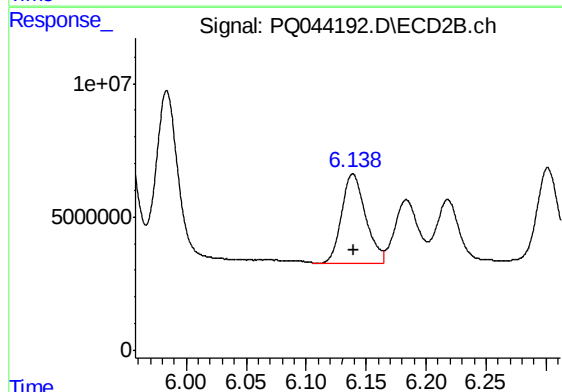
R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 78046520
Conc: 551.86 ng/ml



#24 AR-1248-4

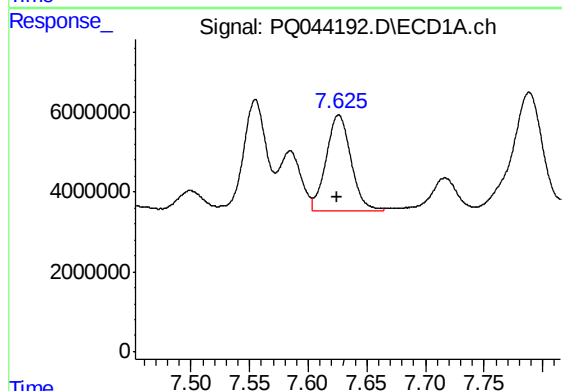
R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 19010903
Conc: 151.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



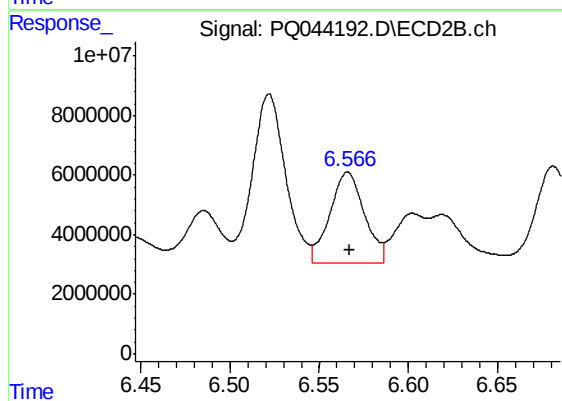
#24 AR-1248-4

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 46354311
Conc: 269.87 ng/ml



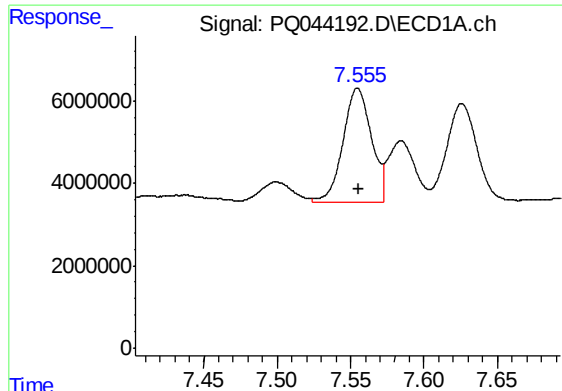
#25 AR-1248-5

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 35089929
Conc: 289.81 ng/ml



#25 AR-1248-5

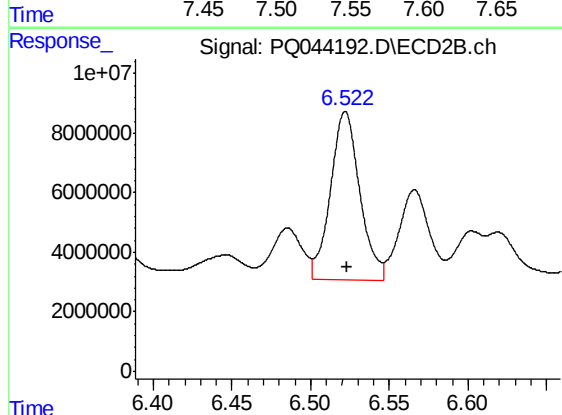
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 41085215
Conc: 245.40 ng/ml



#26 AR-1254-1

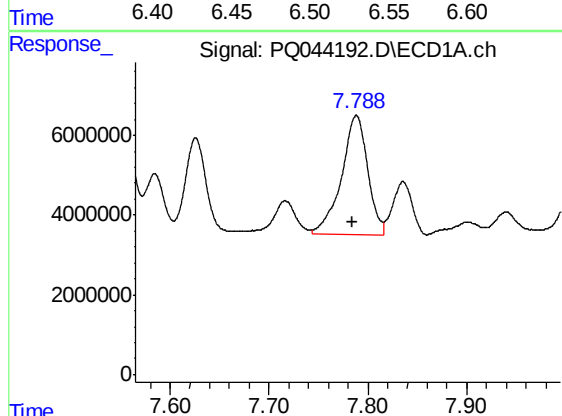
R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 37215956
Conc: 276.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



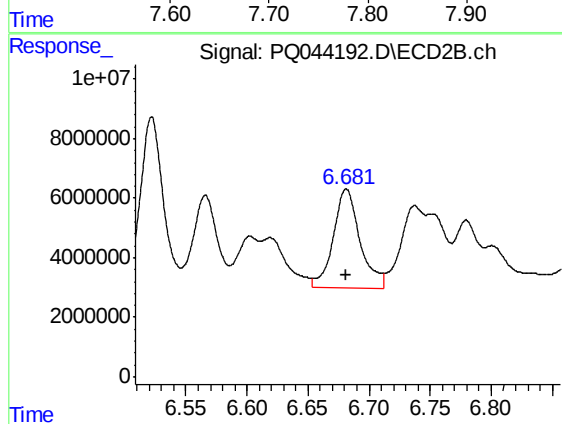
#26 AR-1254-1

R.T.: 6.522 min
Delta R.T.: -0.002 min
Response: 73321756
Conc: 251.39 ng/ml



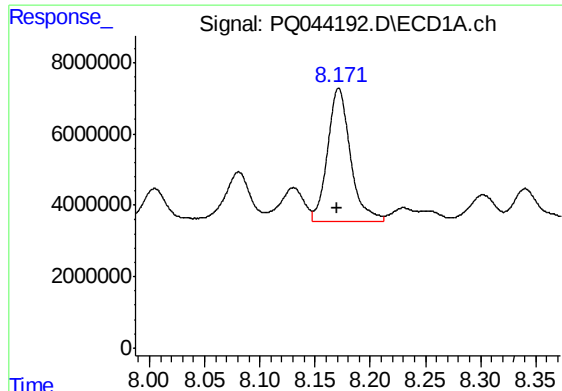
#27 AR-1254-2

R.T.: 7.788 min
Delta R.T.: 0.004 min
Response: 54908771
Conc: 257.03 ng/ml



#27 AR-1254-2

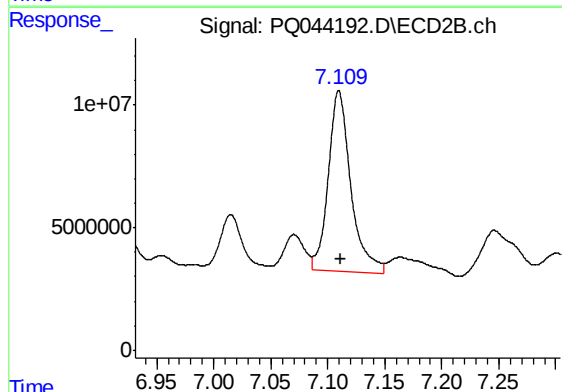
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 50306682
Conc: 192.67 ng/ml



#28 AR-1254-3

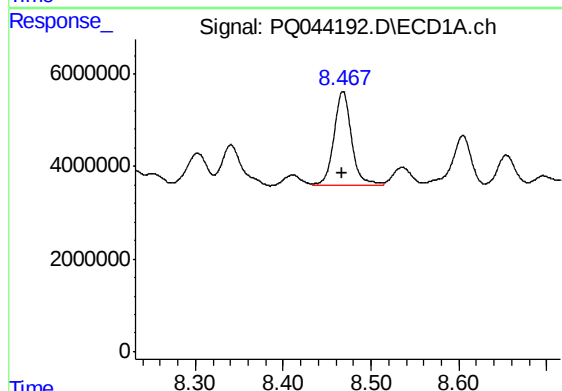
R.T.: 8.172 min
Delta R.T.: 0.002 min
Response: 53720281
Conc: 218.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



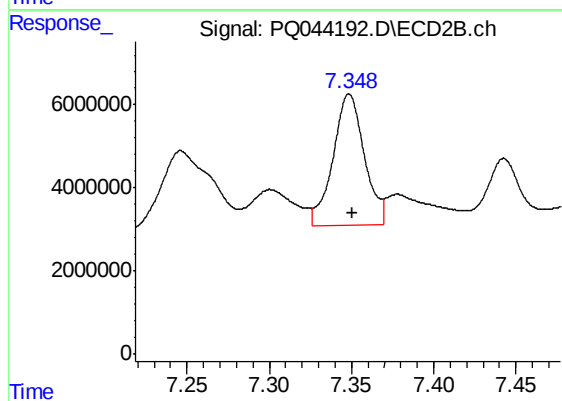
#28 AR-1254-3

R.T.: 7.110 min
Delta R.T.: -0.001 min
Response: 101505182
Conc: 232.33 ng/ml



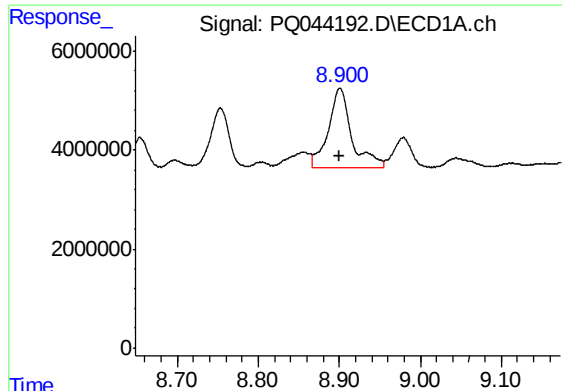
#29 AR-1254-4

R.T.: 8.468 min
Delta R.T.: 0.001 min
Response: 28729011
Conc: 143.24 ng/ml



#29 AR-1254-4

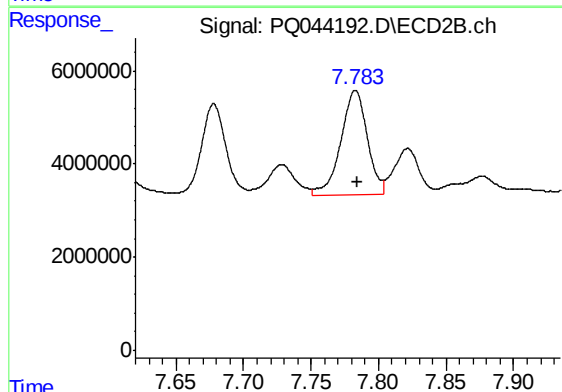
R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 42149539
Conc: 156.91 ng/ml



#30 AR-1254-5

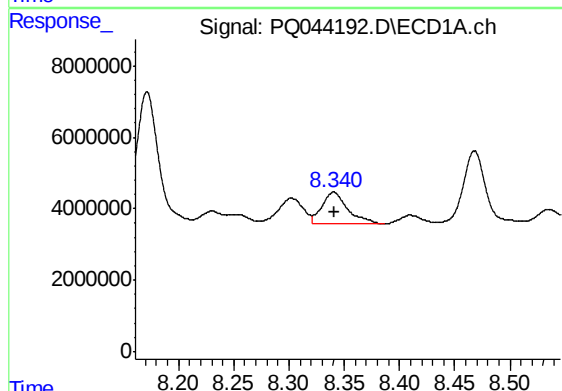
R.T.: 8.901 min
Delta R.T.: 0.000 min
Response: 32250806
Conc: 134.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



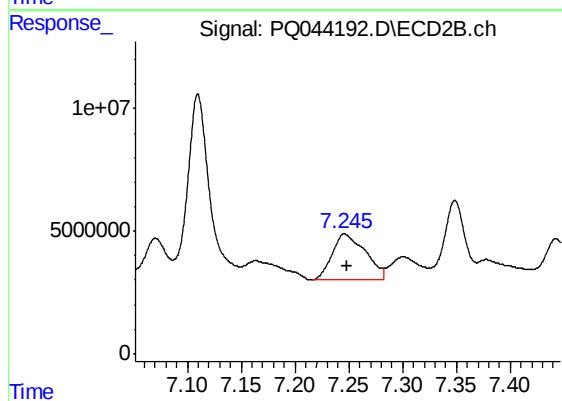
#30 AR-1254-5

R.T.: 7.783 min
Delta R.T.: -0.002 min
Response: 30783828
Conc: 76.99 ng/ml



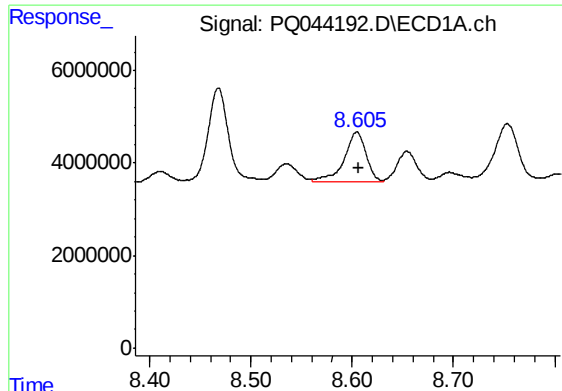
#31 AR-1260-1

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 14669457
Conc: 97.45 ng/ml



#31 AR-1260-1

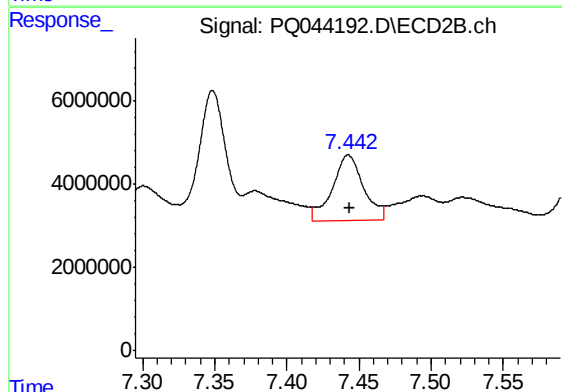
R.T.: 7.246 min
Delta R.T.: -0.002 min
Response: 39583116
Conc: 162.80 ng/ml



#32 AR-1260-2

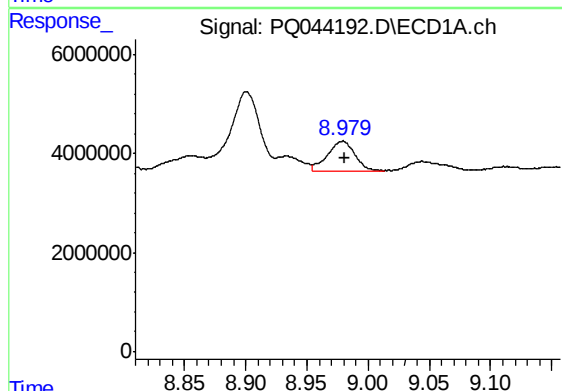
R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 16063413
Conc: 81.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



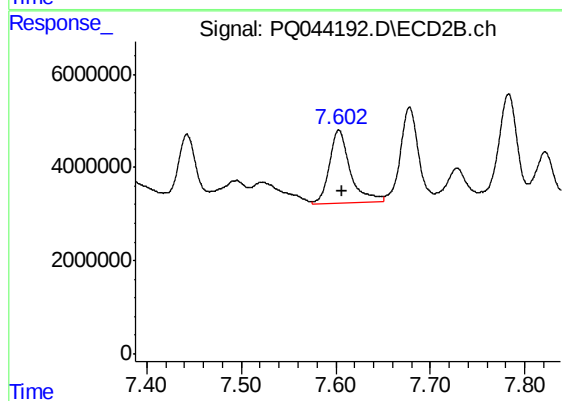
#32 AR-1260-2

R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 23342239
Conc: 77.33 ng/ml



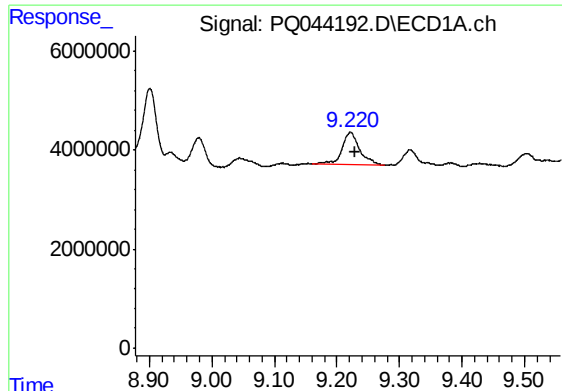
#33 AR-1260-3

R.T.: 8.979 min
Delta R.T.: -0.002 min
Response: 9330477
Conc: 58.19 ng/ml



#33 AR-1260-3

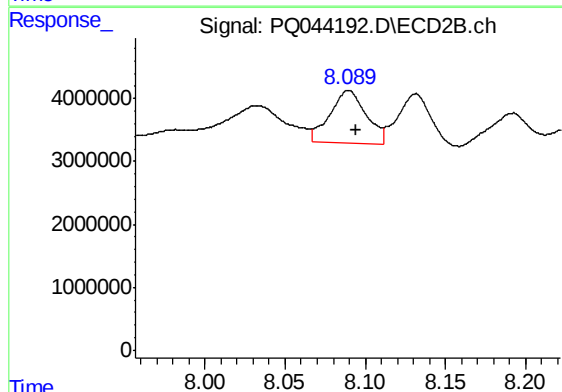
R.T.: 7.603 min
Delta R.T.: -0.003 min
Response: 24218198
Conc: 86.06 ng/ml



#34 AR-1260-4

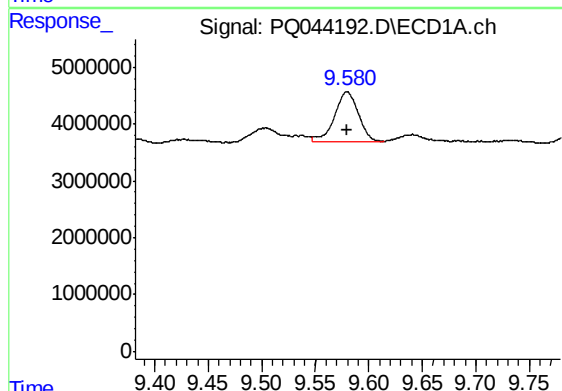
R.T.: 9.221 min
Delta R.T.: -0.007 min
Response: 12912840
Conc: 66.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



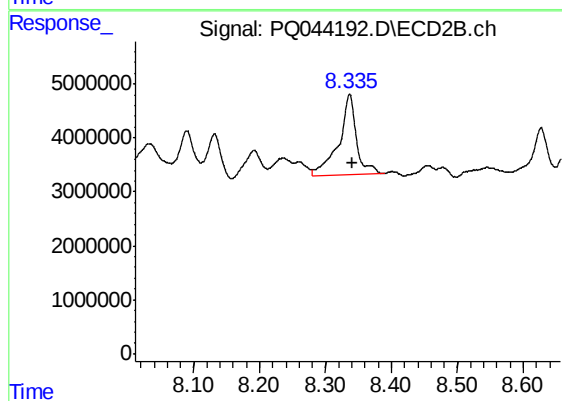
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.005 min
Response: 13051777
Conc: 51.88 ng/ml



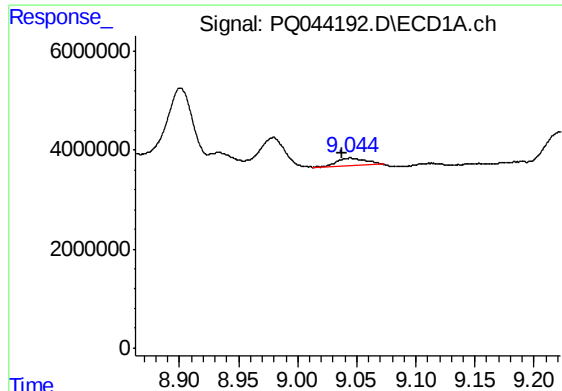
#35 AR-1260-5

R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 13859932
Conc: 30.32 ng/ml



#35 AR-1260-5

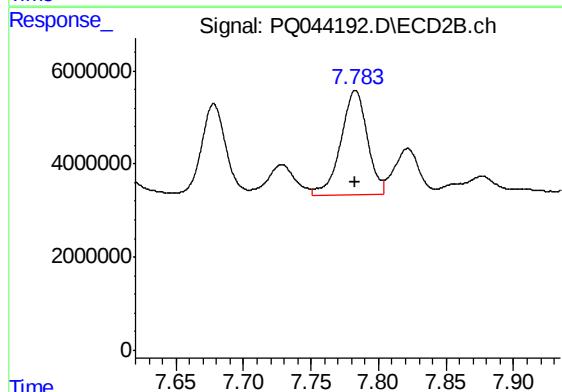
R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 28100505
Conc: 43.84 ng/ml



#36 AR-1262-1

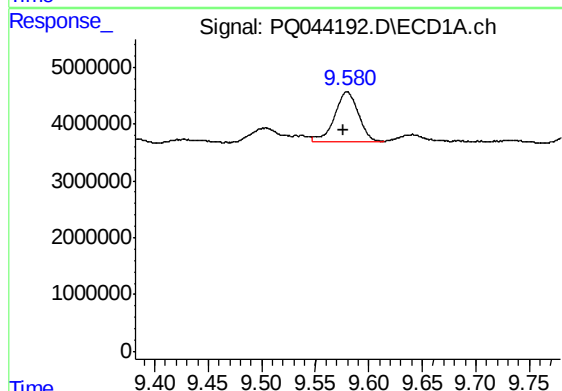
R.T.: 9.045 min
Delta R.T.: 0.007 min
Response: 2643695
Conc: 24.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



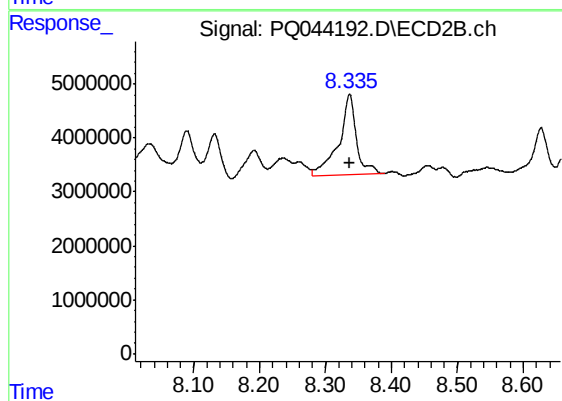
#36 AR-1262-1

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 30783828
Conc: 157.75 ng/ml



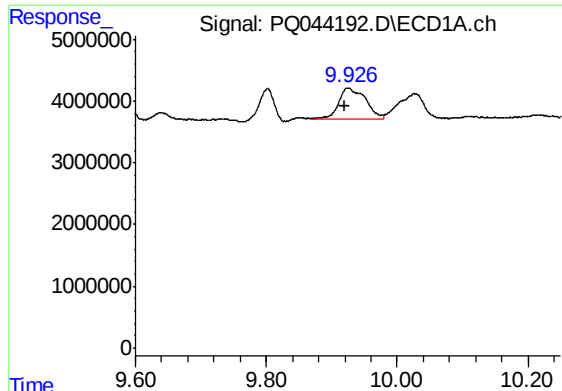
#37 AR-1262-2

R.T.: 9.580 min
Delta R.T.: 0.004 min
Response: 13859932
Conc: 24.07 ng/ml



#37 AR-1262-2

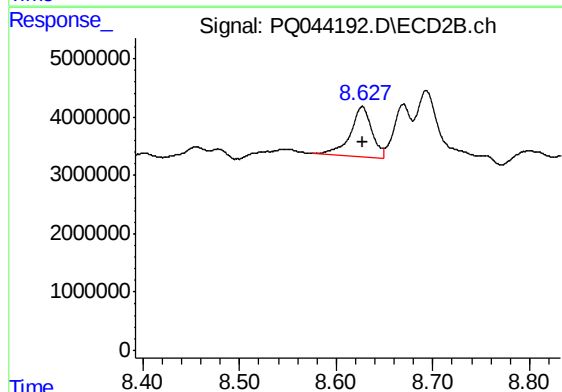
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 28100505
Conc: 35.52 ng/ml



#38 AR-1262-3

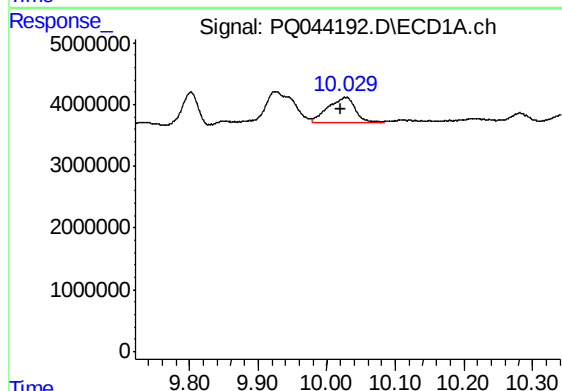
R.T.: 9.925 min
Delta R.T.: 0.005 min
Response: 13794686
Conc: 33.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



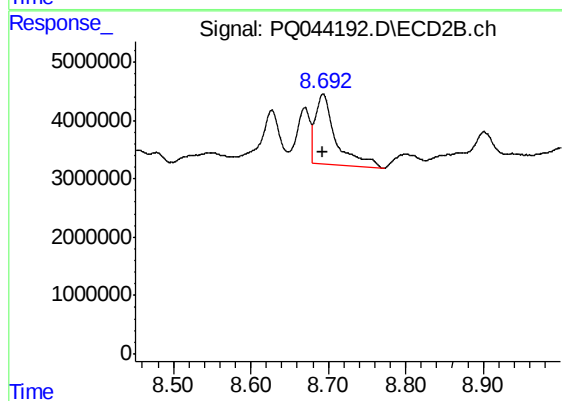
#38 AR-1262-3

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 13184014
Conc: 41.57 ng/ml



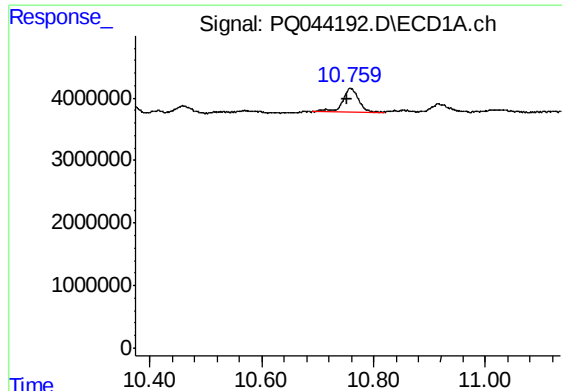
#39 AR-1262-4

R.T.: 10.028 min
Delta R.T.: 0.008 min
Response: 10758346
Conc: 34.15 ng/ml



#39 AR-1262-4

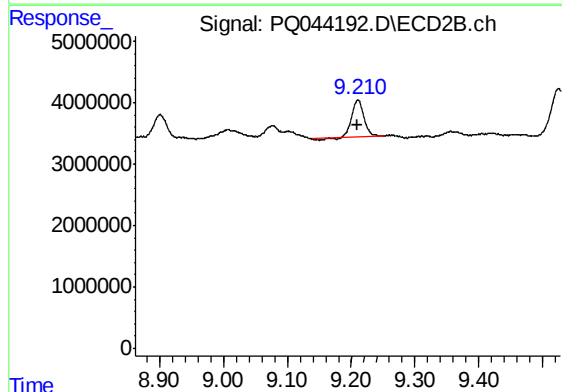
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 21894484
Conc: 35.93 ng/ml



#40 AR-1262-5

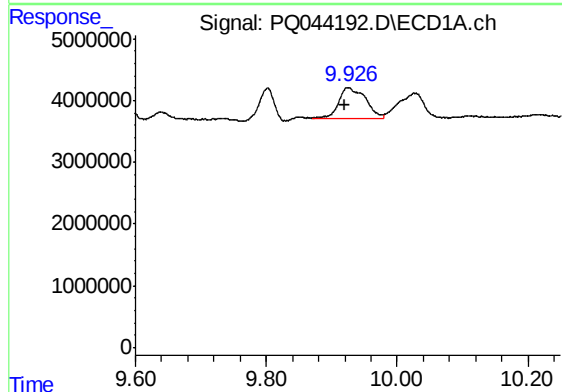
R.T.: 10.759 min
Delta R.T.: 0.006 min
Response: 7370920
Conc: 29.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



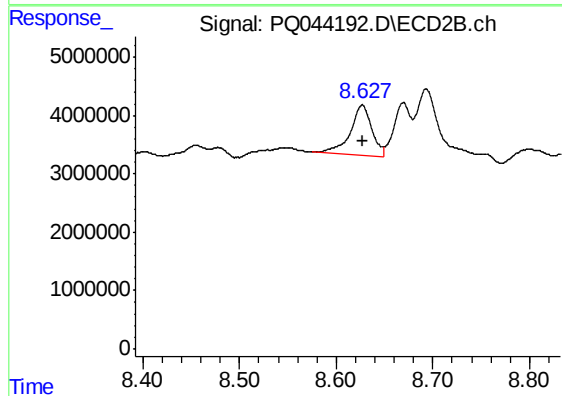
#40 AR-1262-5

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 8078132
Conc: 28.81 ng/ml



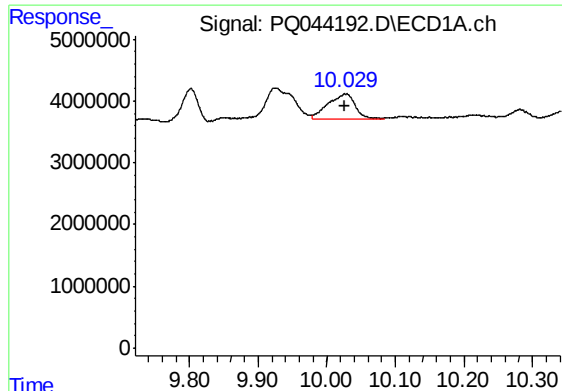
#41 AR-1268-1

R.T.: 9.925 min
Delta R.T.: 0.005 min
Response: 13794686
Conc: 19.29 ng/ml



#41 AR-1268-1

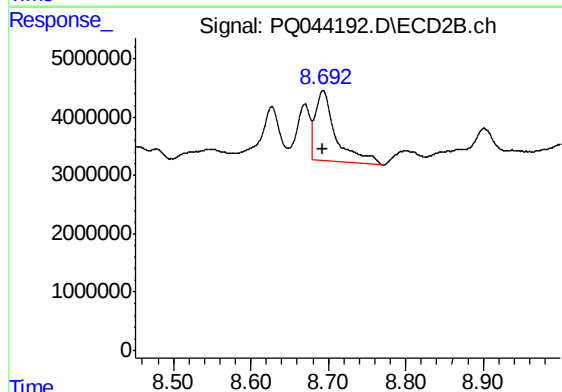
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 13184014
Conc: 13.67 ng/ml



#42 AR-1268-2

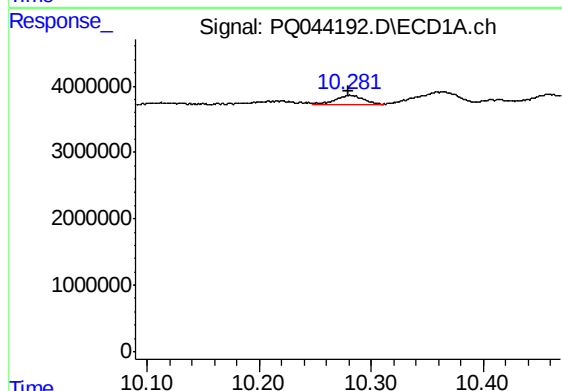
R.T.: 10.028 min
Delta R.T.: 0.002 min
Response: 10758346
Conc: 15.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



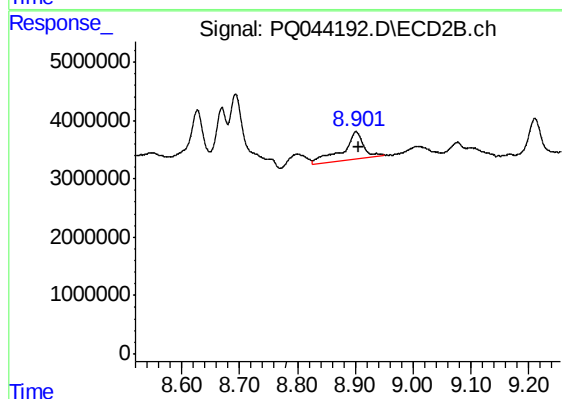
#42 AR-1268-2

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 21894484
Conc: 24.08 ng/ml



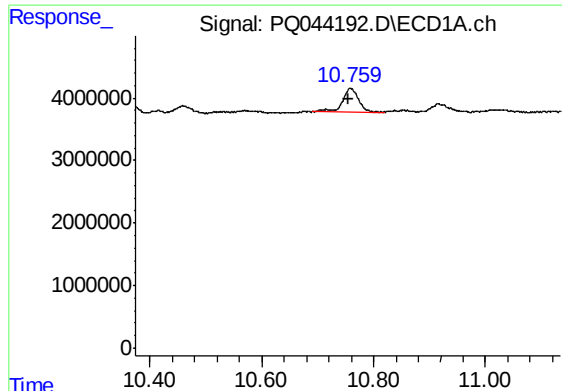
#43 AR-1268-3

R.T.: 10.281 min
Delta R.T.: 0.002 min
Response: 2276218
Conc: 3.97 ng/ml



#43 AR-1268-3

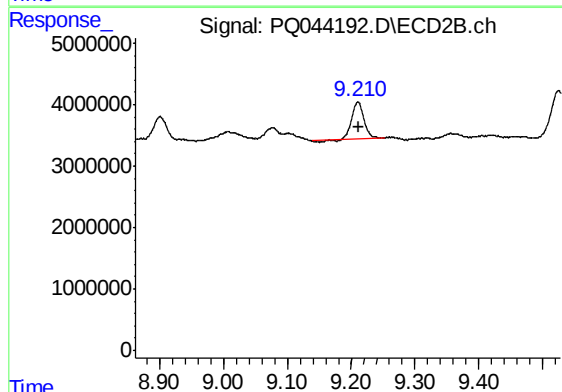
R.T.: 8.901 min
Delta R.T.: -0.006 min
Response: 11303771
Conc: 14.92 ng/ml



#44 AR-1268-4

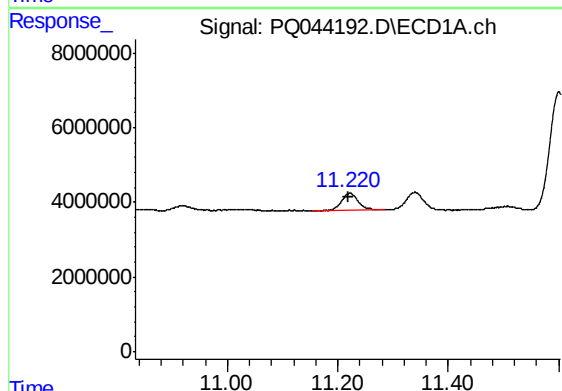
R.T.: 10.759 min
Delta R.T.: 0.003 min
Response: 7370920
Conc: 25.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP44



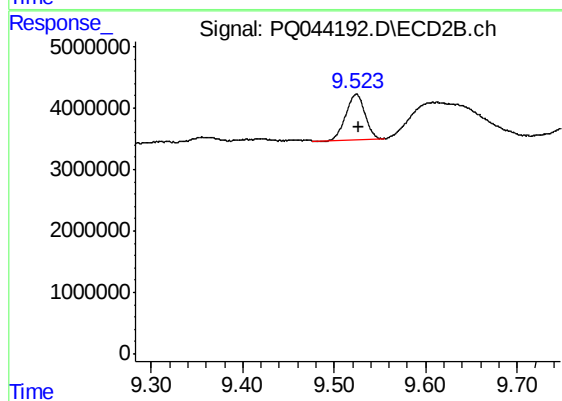
#44 AR-1268-4

R.T.: 9.210 min
Delta R.T.: -0.002 min
Response: 8078132
Conc: 24.70 ng/ml



#45 AR-1268-5

R.T.: 11.222 min
Delta R.T.: 0.002 min
Response: 9470699
Conc: 4.36 ng/ml



#45 AR-1268-5

R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 10825050
Conc: 4.16 ng/ml