

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
 Data File : PQ043092.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2019 11:37
 Operator : SM\AJ
 Sample : K4486-03
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF3M9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 03:53:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.617	4.678	57867680	47431365	21.620	20.491
2)	SA Decachlor...	11.969	10.414	208.5E6	165.3E6	24.698	24.603
Target Compounds							
3)	L1 AR-1016-1	7.068	0.000	2159267	0	20.784	N.D. #
4)	L1 AR-1016-2	7.115	0.000	863377	0	5.416	N.D. #
5)	L1 AR-1016-3	7.148	6.420	391268	1419921	3.851	18.891 #
6)	L1 AR-1016-4	7.266	6.420	844119	1419921	10.536	20.439 #
7)	L1 AR-1016-5	7.609	0.000	599036	0	7.313	N.D. #
10)	L2 AR-1221-3	6.177	0.000	166927	0	2.024	N.D. #
11)	L3 AR-1232-1	6.177	0.000	166927	0	2.336	N.D. #
12)	L3 AR-1232-2	6.807	0.000	348723	0	8.838	N.D. #
13)	L3 AR-1232-3	7.115	6.420	863377	1419921	10.410	32.998 #
14)	L3 AR-1232-4	7.283	6.470	1125899	1288182	26.154	30.049
15)	L3 AR-1232-5	7.387	0.000	489650	0	17.115	N.D. #
16)	L4 AR-1242-1	7.094	0.000	4483028	0	44.061	N.D. #
17)	L4 AR-1242-2	7.115	0.000	863377	0	5.668	N.D. #
18)	L4 AR-1242-3	7.148	6.420	391268	1419921	4.100	18.684 #
19)	L4 AR-1242-4	7.283	6.470	1125899	1288182	14.626	15.444
20)	L4 AR-1242-5	8.096	7.082	3156129	3427299	32.958	30.081
21)	L5 AR-1248-1	7.068	0.000	2159267	0	27.316	N.D. #
22)	L5 AR-1248-2	7.387	6.420	489650	1419921	4.326	11.995 #
23)	L5 AR-1248-3	7.609	6.470	599036	1288182	4.431	10.665 #
24)	L5 AR-1248-4	8.055	0.000	3734140	0	23.045	N.D. #
25)	L5 AR-1248-5	8.096	7.128	3156129	2735736	20.139	17.564
26)	L6 AR-1254-1	8.021	7.082	1573500	3427299	9.416	13.975 #
27)	L6 AR-1254-2	8.264	7.278	16831045	11772378	62.580	52.781
28)	L6 AR-1254-3	8.671	7.719	17825956	12900351	59.187	34.321 #
29)	L6 AR-1254-4	8.962	7.947	6093533	3047779	26.747	12.605 #
30)	L6 AR-1254-5	9.395	8.392	2851328	2247541	10.528	6.090 #
31)	L7 AR-1260-1	8.828	7.837	608326	1513418	3.395	7.807 #
32)	L7 AR-1260-2	9.099	8.041	43331107	2257184	184.247	8.866 #
33)	L7 AR-1260-3	9.536	8.284	2213430	2789044	10.358	12.242
34)	L7 AR-1260-4	9.801	0.000	992896	0	4.211	N.D. #
35)	L7 AR-1260-5	10.057	8.957	5211880	1460211	9.146	2.504 #
36)	L8 AR-1262-1	9.536	0.000	2213430	0	5.509	N.D. #
37)	L8 AR-1262-2	10.057	8.957	5211880	1460211	6.516	1.691 #
40)	L8 AR-1262-5	11.184	9.851	15853359	94041	42.489	0.286 #
43)	L9 AR-1268-3	10.803	0.000	14791515	0	15.450	N.D. #
44)	L9 AR-1268-4	11.184	9.851	15853359	94041	39.522	0.264 #
45)	L9 AR-1268-5	0.000	10.142	0	1455080	N.D.	0.520 #

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

Instrument :

ECD_Q

ClientSampleId :

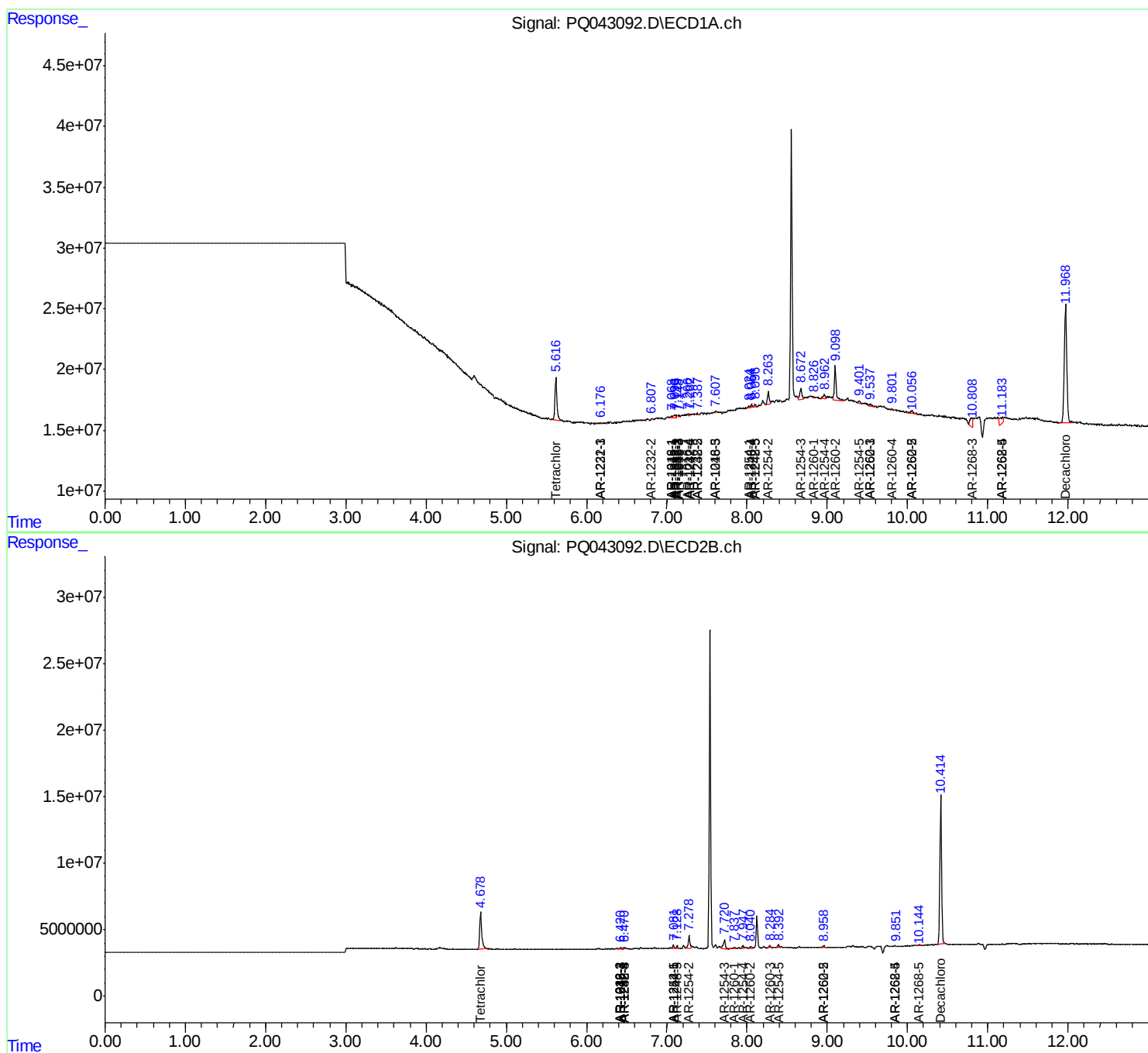
BF3M9

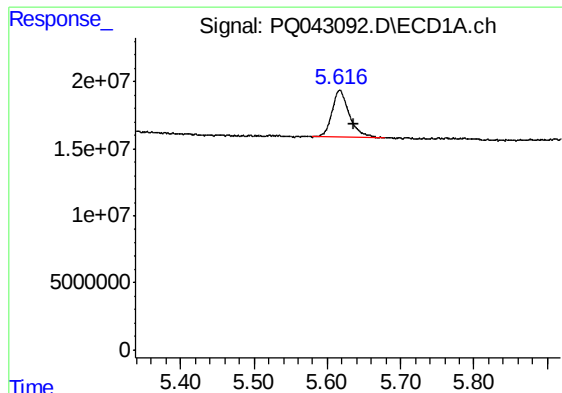
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
Data File : PQ043092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2019 11:37
Operator : SM\AJ
Sample : K4486-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF3M9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 03:53:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 26 05:38:16 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

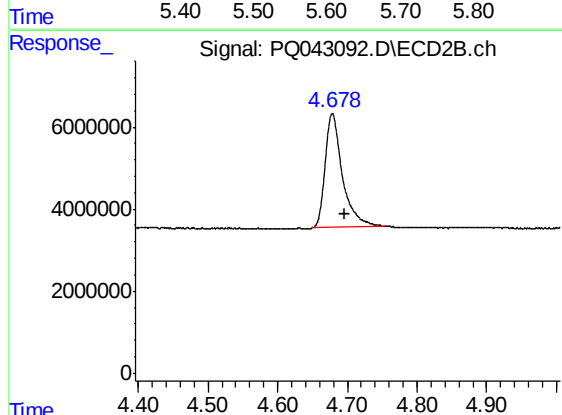




#1 Tetrachloro-m-xylene

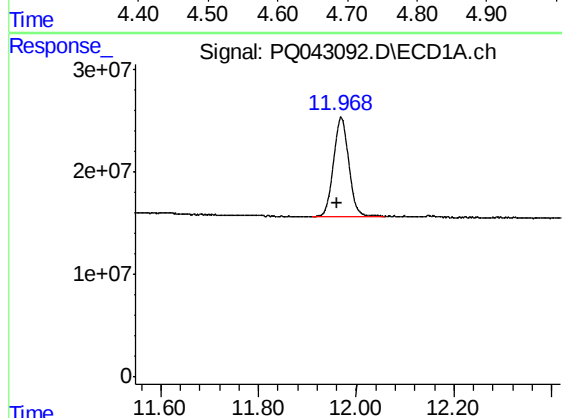
R.T.: 5.617 min
Delta R.T.: -0.019 min
Response: 57867680
Conc: 21.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



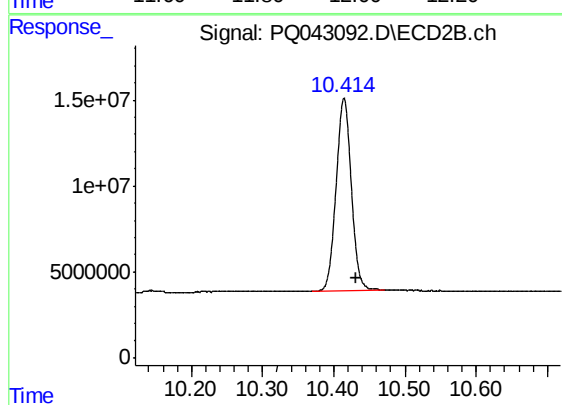
#1 Tetrachloro-m-xylene

R.T.: 4.678 min
Delta R.T.: -0.018 min
Response: 47431365
Conc: 20.49 ng/ml



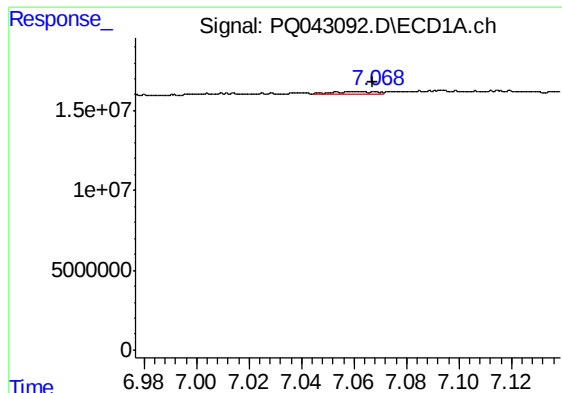
#2 Decachlorobiphenyl

R.T.: 11.969 min
Delta R.T.: 0.009 min
Response: 208506608
Conc: 24.70 ng/ml



#2 Decachlorobiphenyl

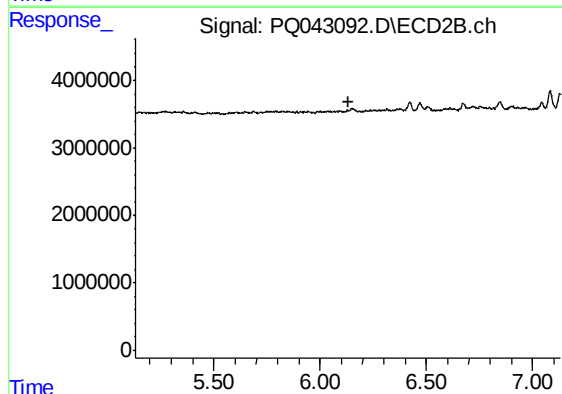
R.T.: 10.414 min
Delta R.T.: -0.016 min
Response: 165275375
Conc: 24.60 ng/ml



#3 AR-1016-1

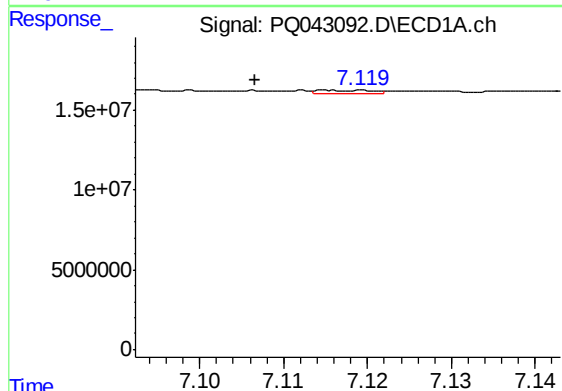
R.T.: 7.068 min
Delta R.T.: 0.001 min
Response: 2159267
Conc: 20.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



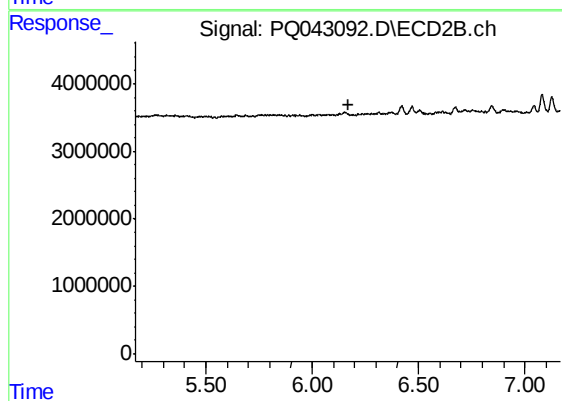
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.131 min
Response: 0
Conc: N.D.



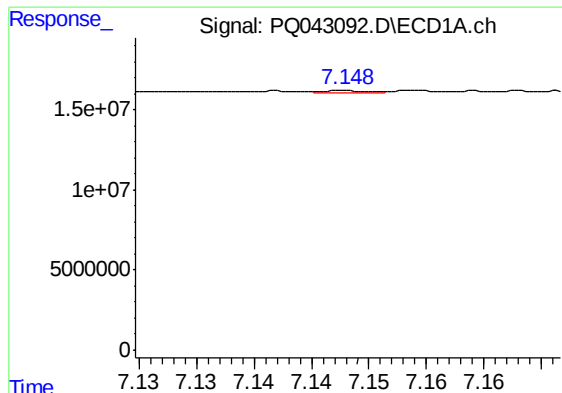
#4 AR-1016-2

R.T.: 7.115 min
Delta R.T.: 0.009 min
Response: 863377
Conc: 5.42 ng/ml



#4 AR-1016-2

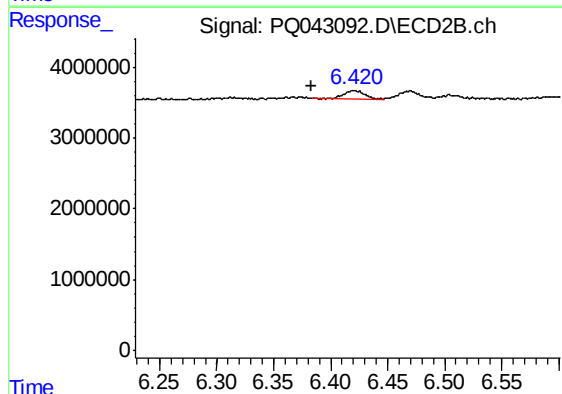
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#5 AR-1016-3

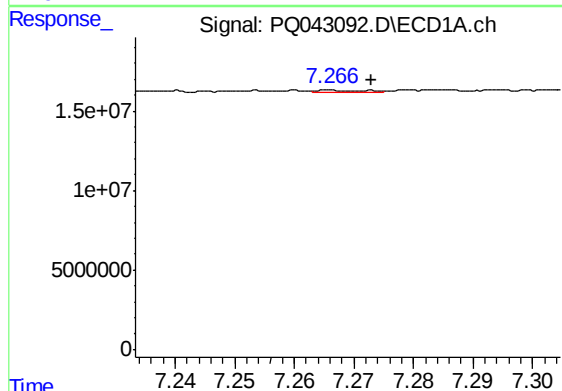
R.T.: 7.148 min
Delta R.T.: -0.030 min
Response: 391268
Conc: 3.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



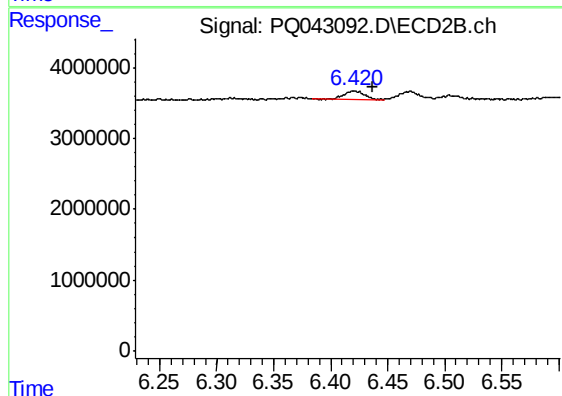
#5 AR-1016-3

R.T.: 6.420 min
Delta R.T.: 0.038 min
Response: 1419921
Conc: 18.89 ng/ml



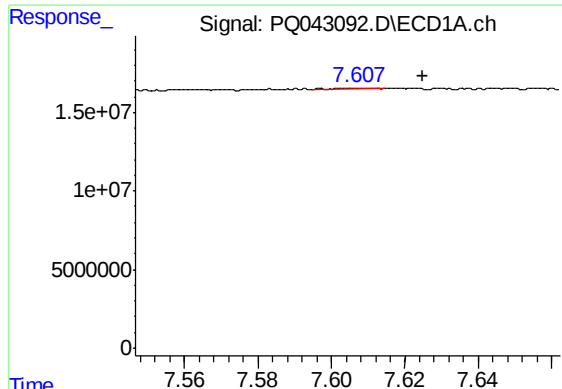
#6 AR-1016-4

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 844119
Conc: 10.54 ng/ml



#6 AR-1016-4

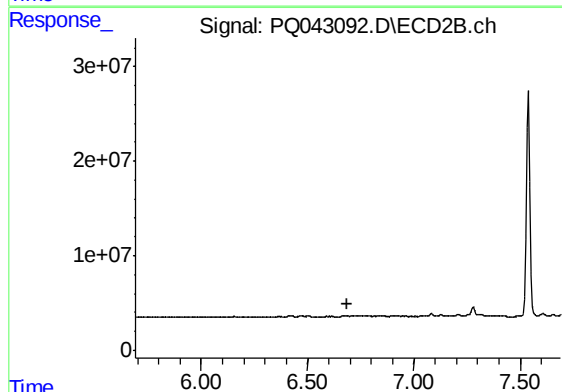
R.T.: 6.420 min
Delta R.T.: -0.016 min
Response: 1419921
Conc: 20.44 ng/ml



#7 AR-1016-5

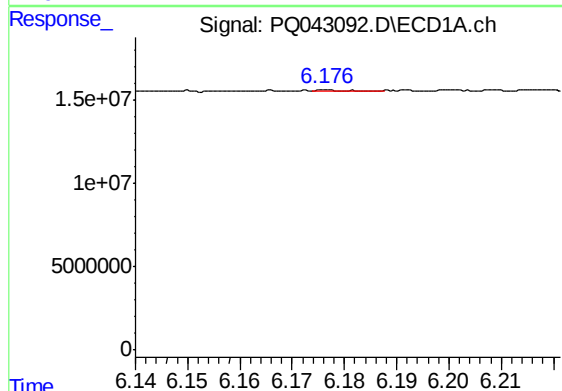
R.T.: 7.609 min
Delta R.T.: -0.016 min
Response: 599036
Conc: 7.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



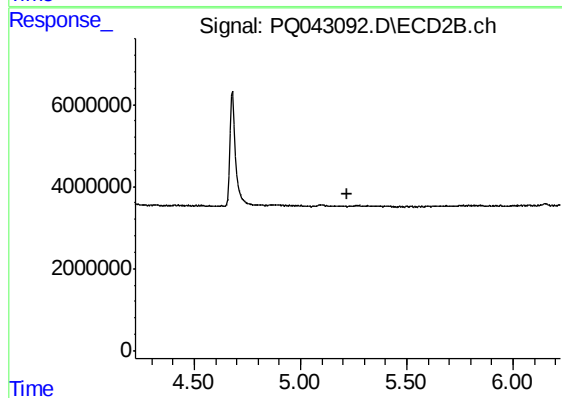
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.690 min
Response: 0
Conc: N.D.



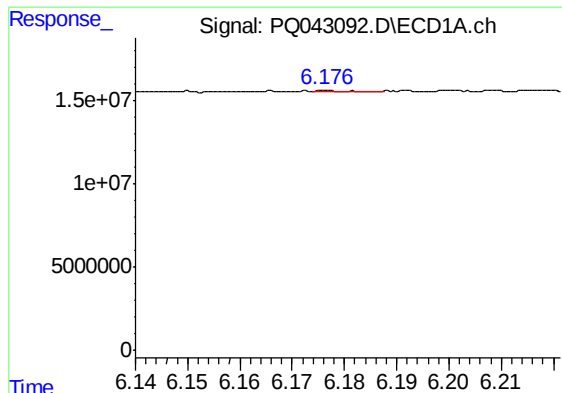
#10 AR-1221-3

R.T.: 6.177 min
Delta R.T.: 0.055 min
Response: 166927
Conc: 2.02 ng/ml



#10 AR-1221-3

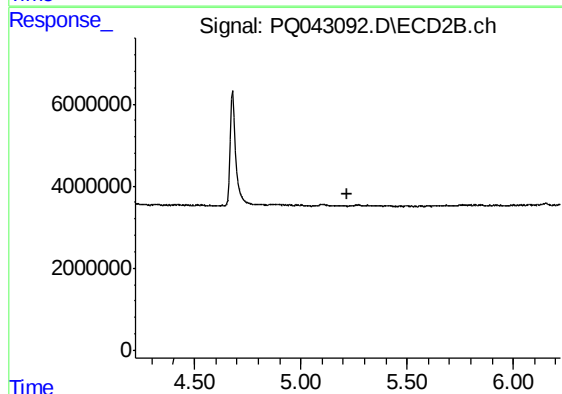
R.T.: 0.000 min
Exp R.T. : 5.223 min
Response: 0
Conc: N.D.



#11 AR-1232-1

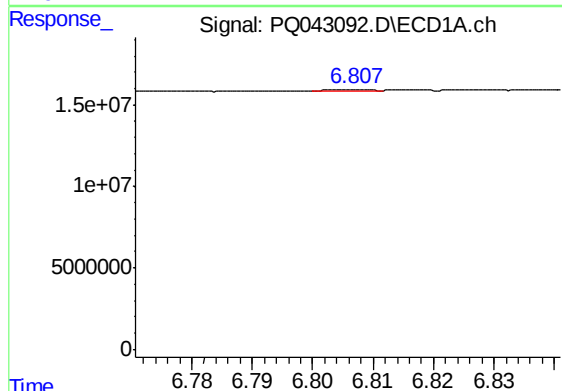
R.T.: 6.177 min
Delta R.T.: 0.056 min
Response: 166927
Conc: 2.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



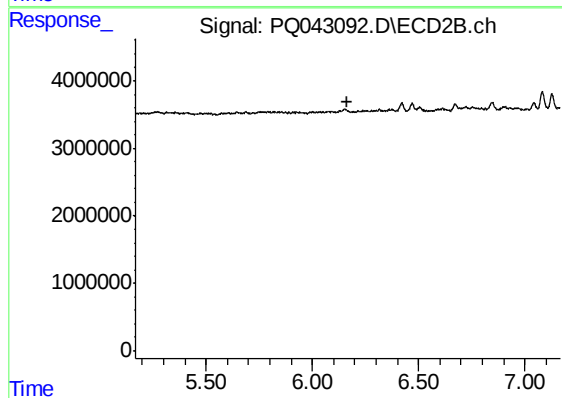
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.222 min
Response: 0
Conc: N.D.



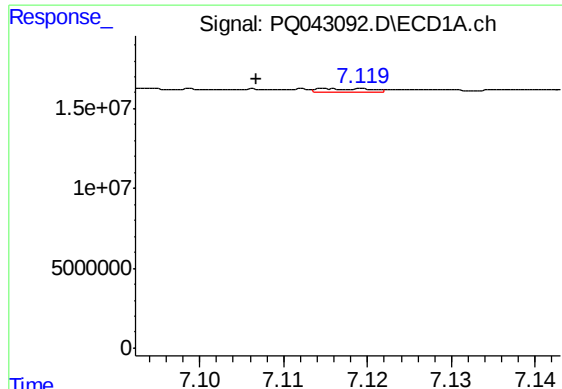
#12 AR-1232-2

R.T.: 6.807 min
Delta R.T.: 0.040 min
Response: 348723
Conc: 8.84 ng/ml



#12 AR-1232-2

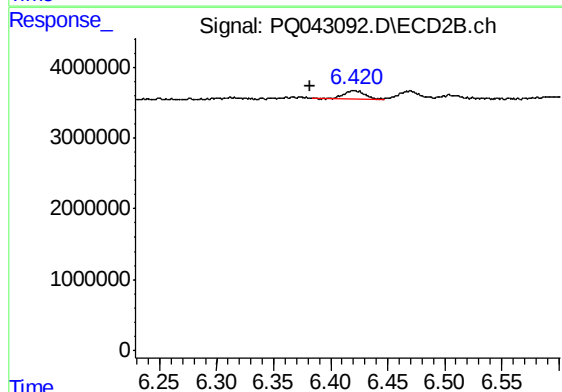
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#13 AR-1232-3

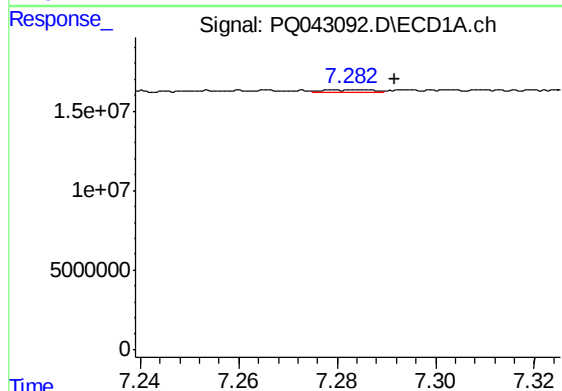
R.T.: 7.115 min
Delta R.T.: 0.008 min
Response: 863377
Conc: 10.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



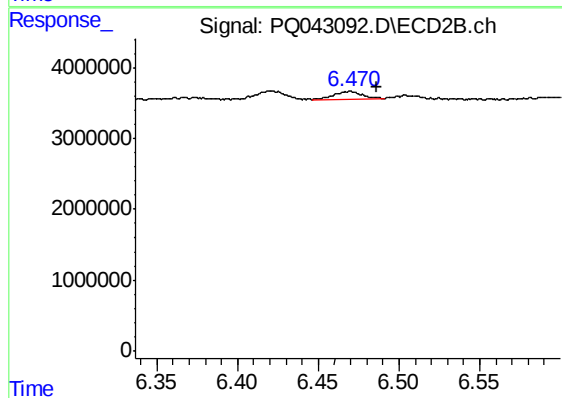
#13 AR-1232-3

R.T.: 6.420 min
Delta R.T.: 0.038 min
Response: 1419921
Conc: 33.00 ng/ml



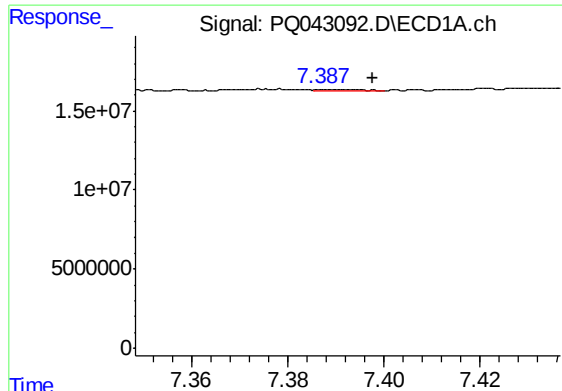
#14 AR-1232-4

R.T.: 7.283 min
Delta R.T.: -0.009 min
Response: 1125899
Conc: 26.15 ng/ml



#14 AR-1232-4

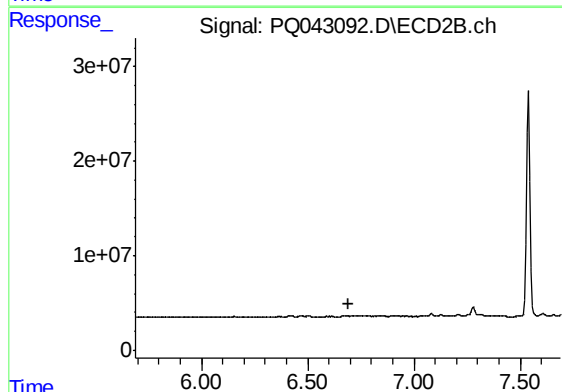
R.T.: 6.470 min
Delta R.T.: -0.016 min
Response: 1288182
Conc: 30.05 ng/ml



#15 AR-1232-5

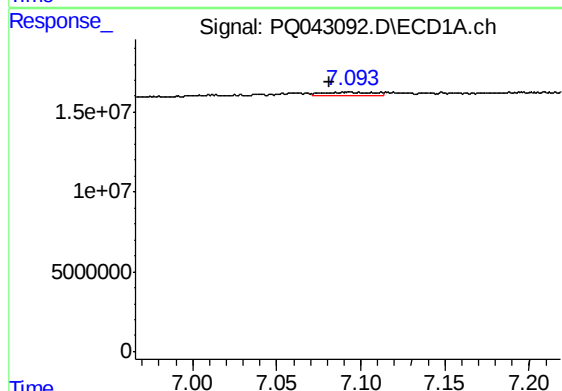
R.T.: 7.387 min
Delta R.T.: -0.010 min
Response: 489650
Conc: 17.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



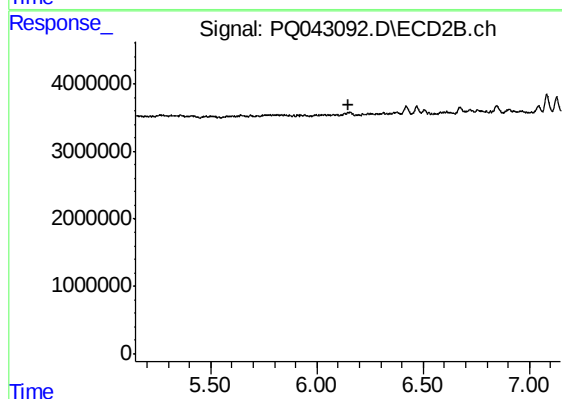
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.690 min
Response: 0
Conc: N.D.



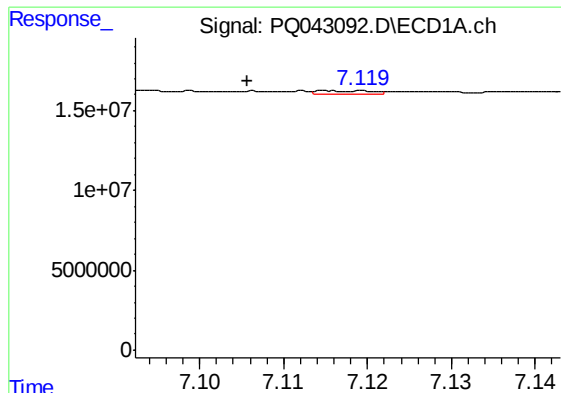
#16 AR-1242-1

R.T.: 7.094 min
Delta R.T.: 0.013 min
Response: 4483028
Conc: 44.06 ng/ml



#16 AR-1242-1

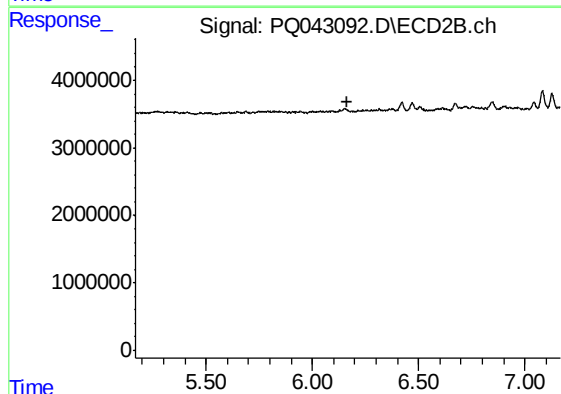
R.T.: 0.000 min
Exp R.T. : 6.146 min
Response: 0
Conc: N.D.



#17 AR-1242-2

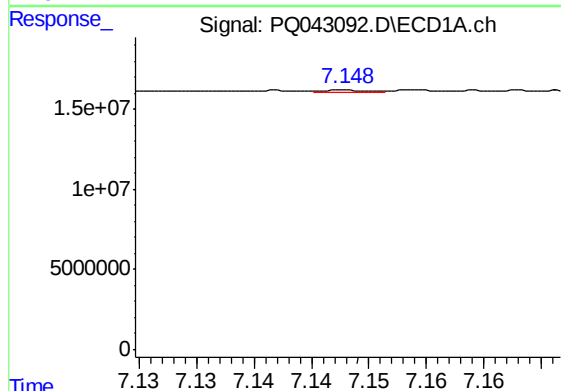
R.T.: 7.115 min
Delta R.T.: 0.010 min
Response: 863377
Conc: 5.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



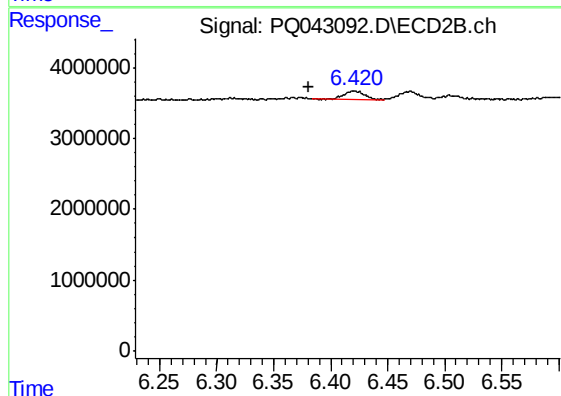
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.



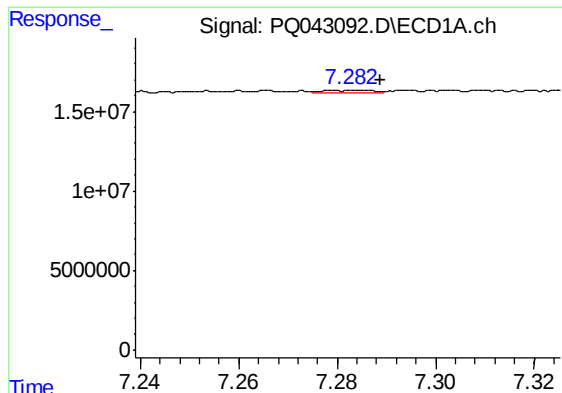
#18 AR-1242-3

R.T.: 7.148 min
Delta R.T.: -0.029 min
Response: 391268
Conc: 4.10 ng/ml



#18 AR-1242-3

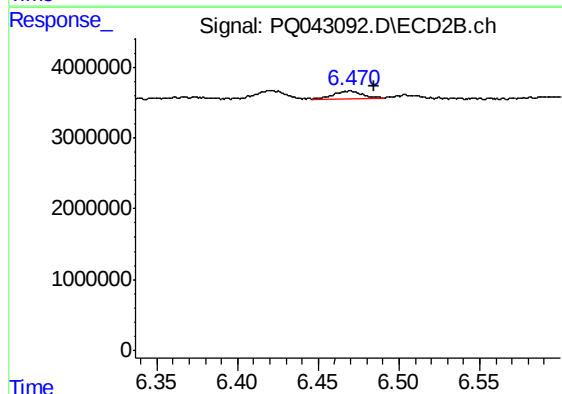
R.T.: 6.420 min
Delta R.T.: 0.039 min
Response: 1419921
Conc: 18.68 ng/ml



#19 AR-1242-4

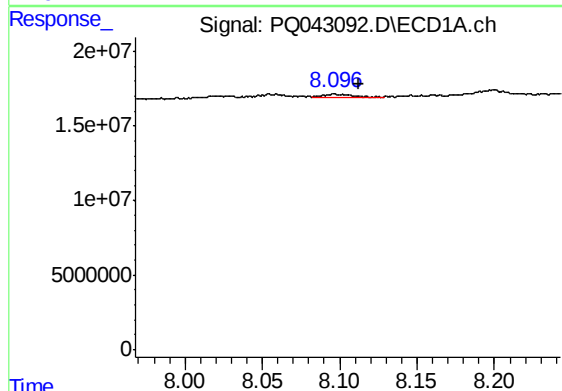
R.T.: 7.283 min
Delta R.T.: -0.006 min
Response: 1125899
Conc: 14.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



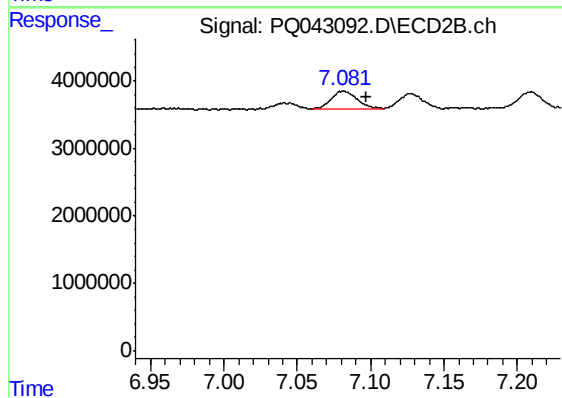
#19 AR-1242-4

R.T.: 6.470 min
Delta R.T.: -0.015 min
Response: 1288182
Conc: 15.44 ng/ml



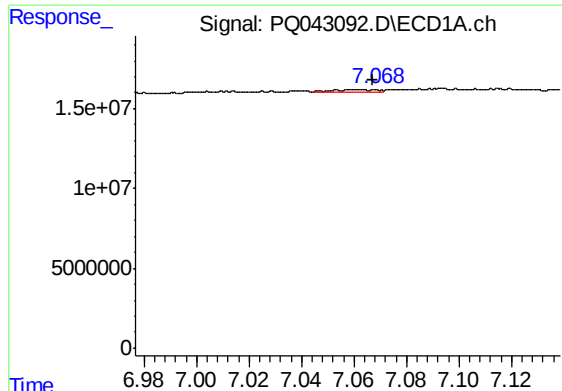
#20 AR-1242-5

R.T.: 8.096 min
Delta R.T.: -0.016 min
Response: 3156129
Conc: 32.96 ng/ml



#20 AR-1242-5

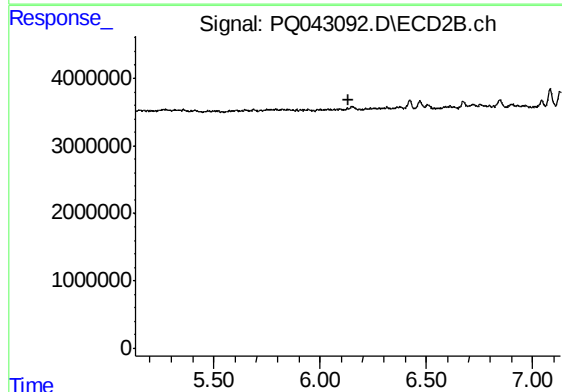
R.T.: 7.082 min
Delta R.T.: -0.016 min
Response: 3427299
Conc: 30.08 ng/ml



#21 AR-1248-1

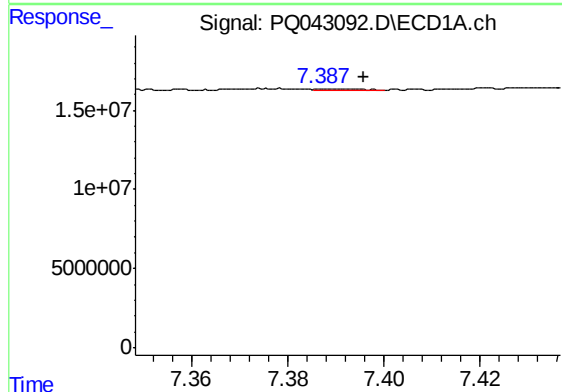
R.T.: 7.068 min
Delta R.T.: 0.001 min
Response: 2159267
Conc: 27.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



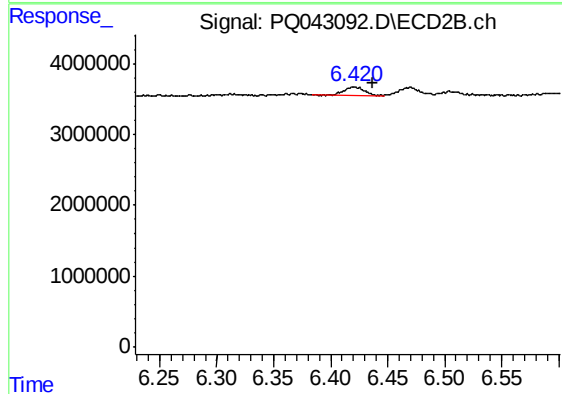
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.131 min
Response: 0
Conc: N.D.



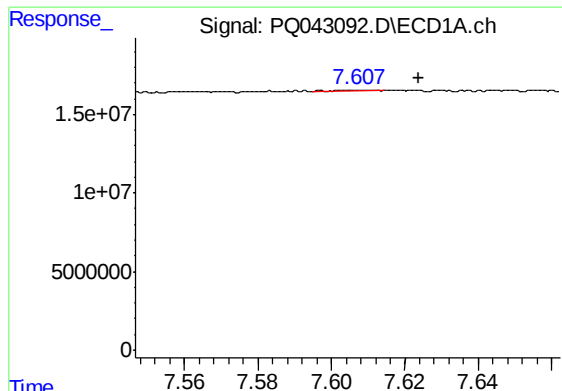
#22 AR-1248-2

R.T.: 7.387 min
Delta R.T.: -0.008 min
Response: 489650
Conc: 4.33 ng/ml



#22 AR-1248-2

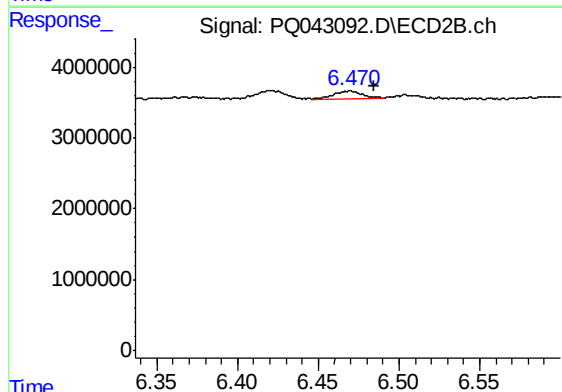
R.T.: 6.420 min
Delta R.T.: -0.017 min
Response: 1419921
Conc: 11.99 ng/ml



#23 AR-1248-3

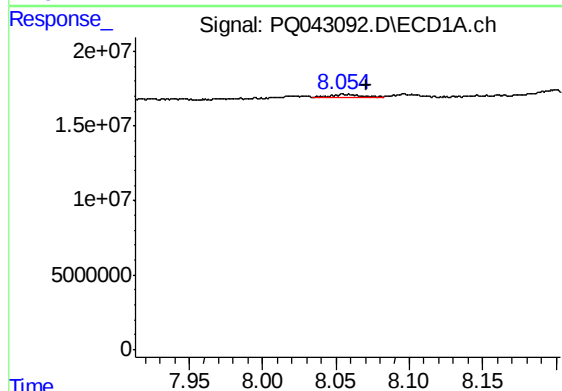
R.T.: 7.609 min
Delta R.T.: -0.015 min
Response: 599036
Conc: 4.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



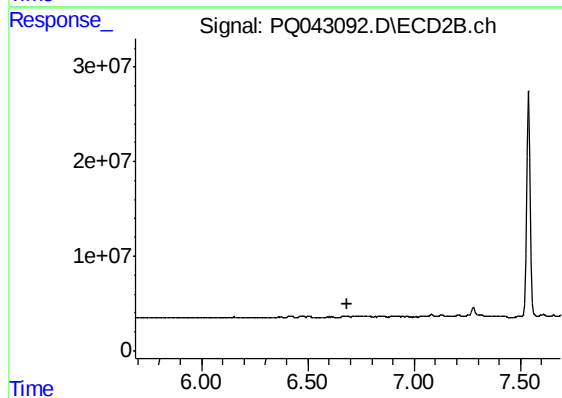
#23 AR-1248-3

R.T.: 6.470 min
Delta R.T.: -0.015 min
Response: 1288182
Conc: 10.67 ng/ml



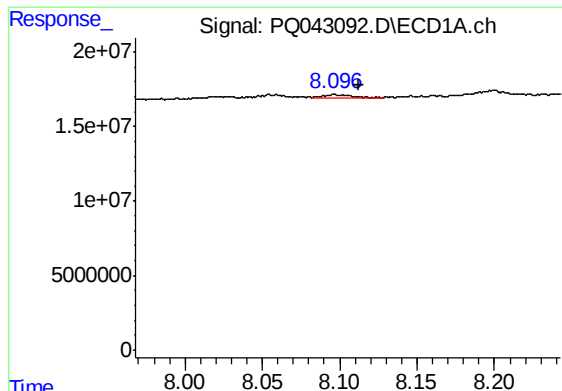
#24 AR-1248-4

R.T.: 8.055 min
Delta R.T.: -0.016 min
Response: 3734140
Conc: 23.04 ng/ml



#24 AR-1248-4

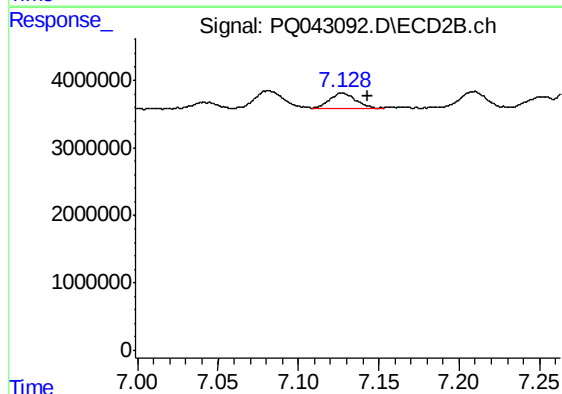
R.T.: 0.000 min
Exp R.T. : 6.688 min
Response: 0
Conc: N.D.



#25 AR-1248-5

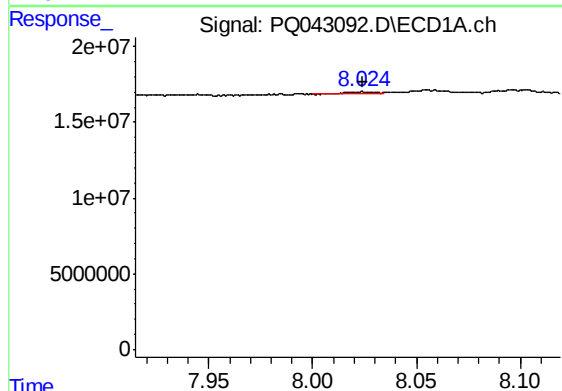
R.T.: 8.096 min
Delta R.T.: -0.016 min
Response: 3156129
Conc: 20.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



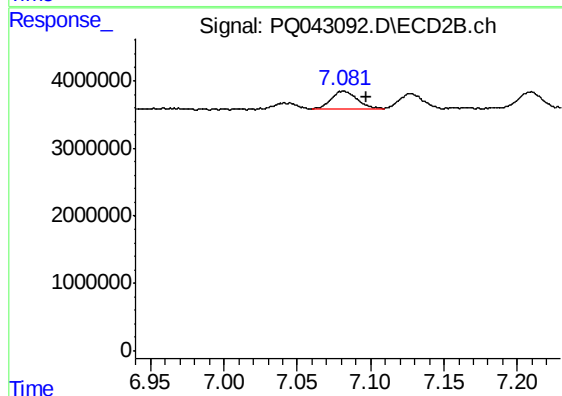
#25 AR-1248-5

R.T.: 7.128 min
Delta R.T.: -0.016 min
Response: 2735736
Conc: 17.56 ng/ml



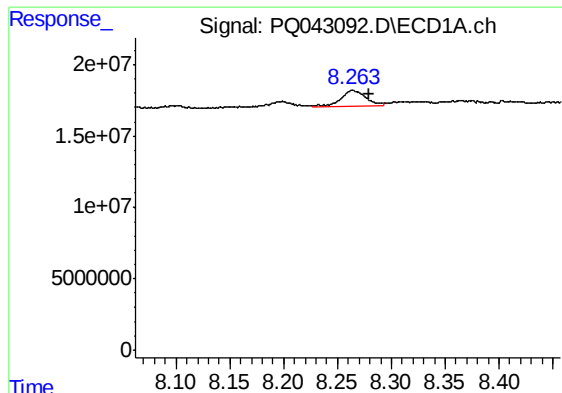
#26 AR-1254-1

R.T.: 8.021 min
Delta R.T.: -0.003 min
Response: 1573500
Conc: 9.42 ng/ml



#26 AR-1254-1

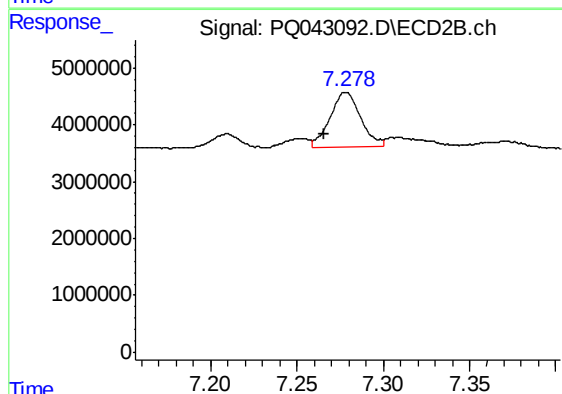
R.T.: 7.082 min
Delta R.T.: -0.016 min
Response: 3427299
Conc: 13.97 ng/ml



#27 AR-1254-2

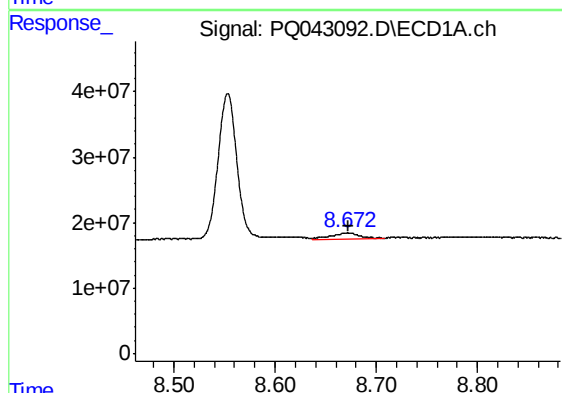
R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 16831045
Conc: 62.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



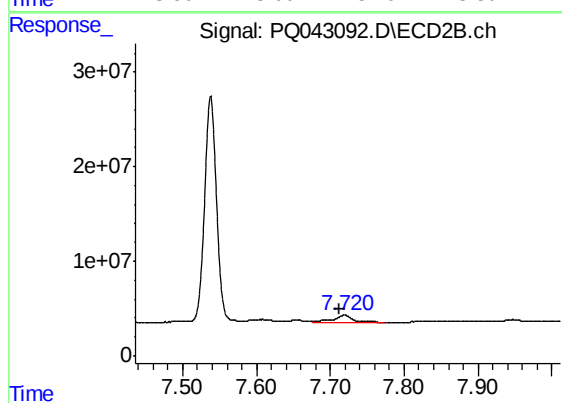
#27 AR-1254-2

R.T.: 7.278 min
Delta R.T.: 0.012 min
Response: 11772378
Conc: 52.78 ng/ml



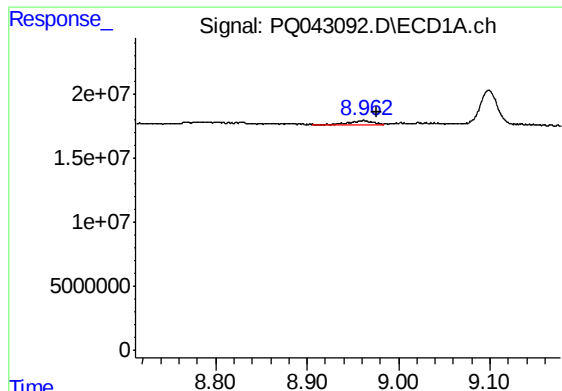
#28 AR-1254-3

R.T.: 8.671 min
Delta R.T.: -0.001 min
Response: 17825956
Conc: 59.19 ng/ml



#28 AR-1254-3

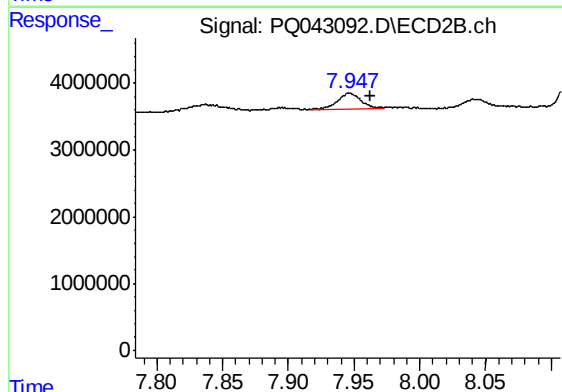
R.T.: 7.719 min
Delta R.T.: 0.007 min
Response: 12900351
Conc: 34.32 ng/ml



#29 AR-1254-4

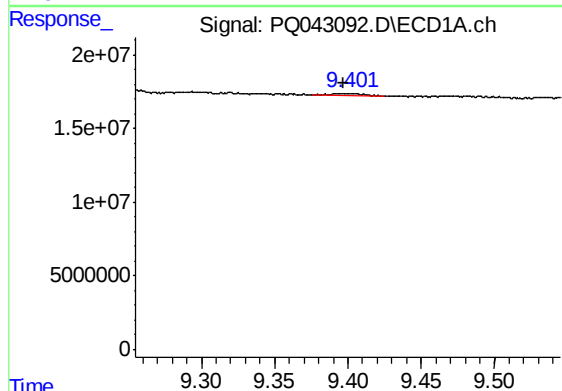
R.T.: 8.962 min
Delta R.T.: -0.013 min
Response: 6093533
Conc: 26.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



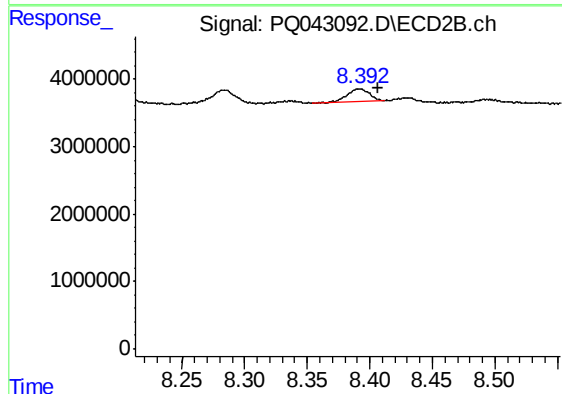
#29 AR-1254-4

R.T.: 7.947 min
Delta R.T.: -0.015 min
Response: 3047779
Conc: 12.60 ng/ml



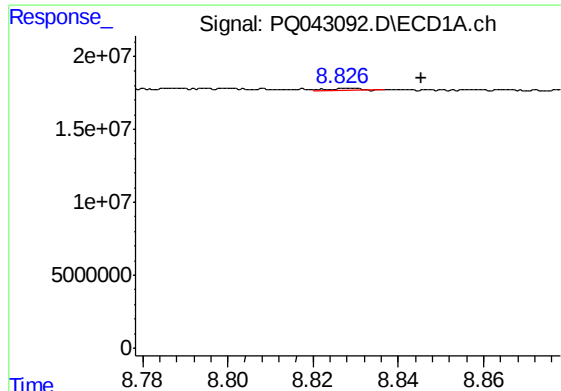
#30 AR-1254-5

R.T.: 9.395 min
Delta R.T.: -0.002 min
Response: 2851328
Conc: 10.53 ng/ml



#30 AR-1254-5

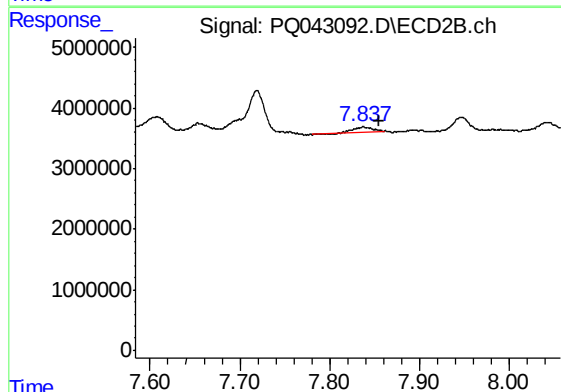
R.T.: 8.392 min
Delta R.T.: -0.015 min
Response: 2247541
Conc: 6.09 ng/ml



#31 AR-1260-1

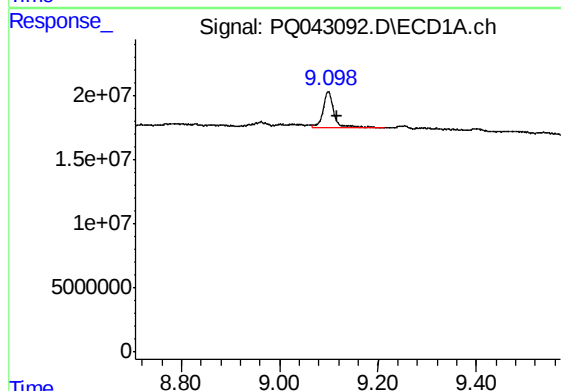
R.T.: 8.828 min
Delta R.T.: -0.017 min
Response: 608326
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



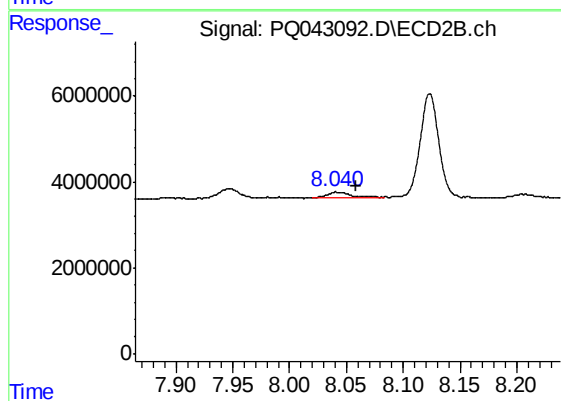
#31 AR-1260-1

R.T.: 7.837 min
Delta R.T.: -0.018 min
Response: 1513418
Conc: 7.81 ng/ml



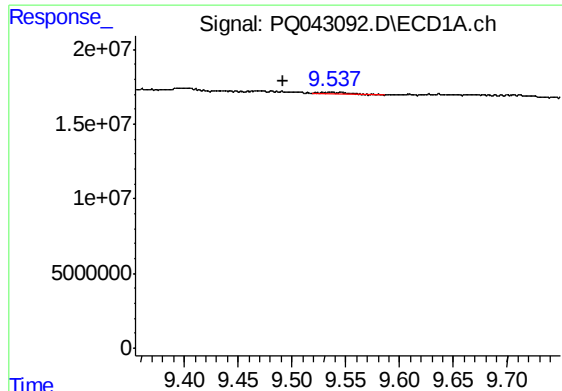
#32 AR-1260-2

R.T.: 9.099 min
Delta R.T.: -0.019 min
Response: 43331107
Conc: 184.25 ng/ml



#32 AR-1260-2

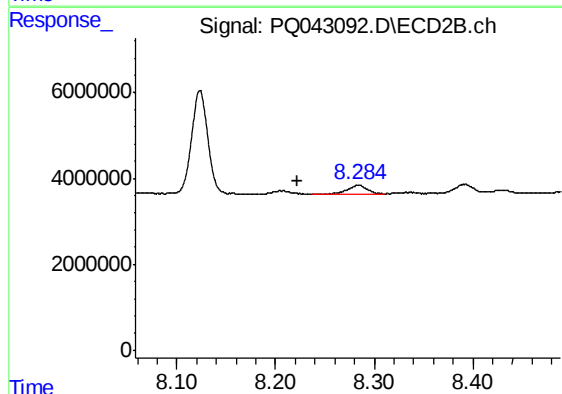
R.T.: 8.041 min
Delta R.T.: -0.018 min
Response: 2257184
Conc: 8.87 ng/ml



#33 AR-1260-3

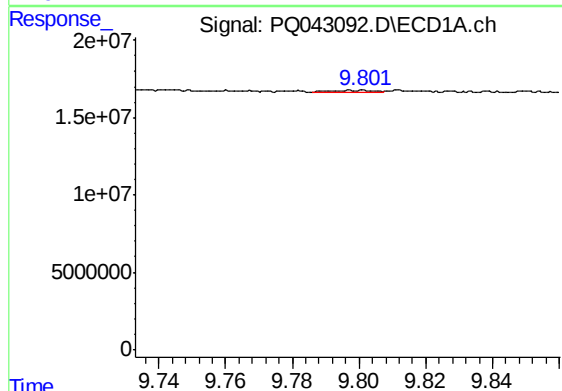
R.T.: 9.536 min
Delta R.T.: 0.045 min
Response: 2213430
Conc: 10.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



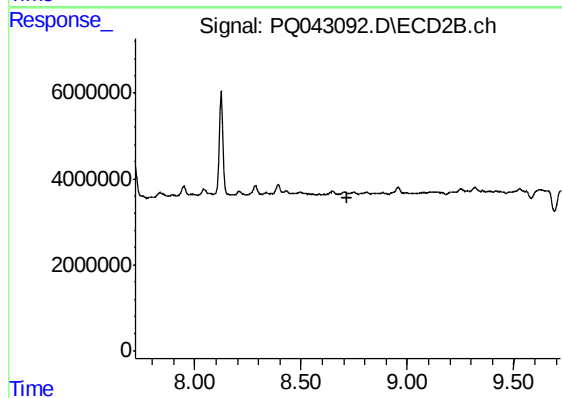
#33 AR-1260-3

R.T.: 8.284 min
Delta R.T.: 0.062 min
Response: 2789044
Conc: 12.24 ng/ml



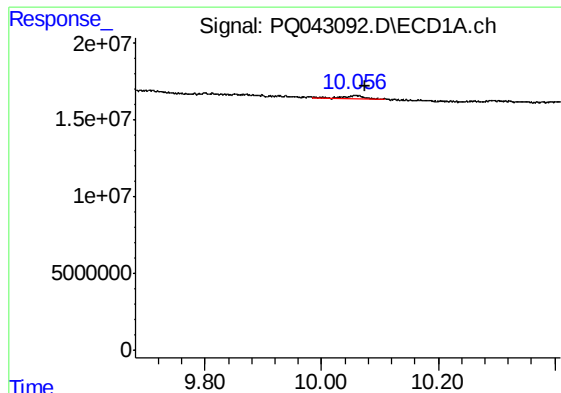
#34 AR-1260-4

R.T.: 9.801 min
Delta R.T.: 0.070 min
Response: 992896
Conc: 4.21 ng/ml



#34 AR-1260-4

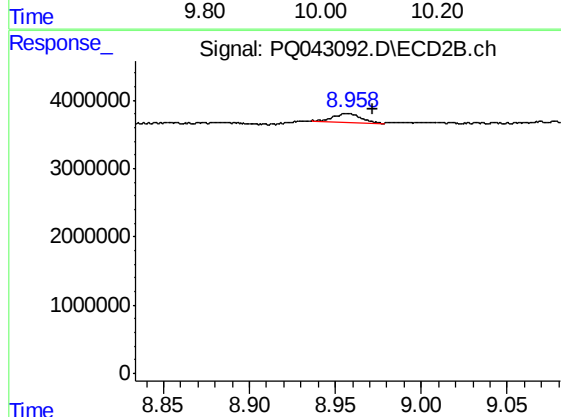
R.T.: 0.000 min
Exp R.T. : 8.720 min
Response: 0
Conc: N.D.



#35 AR-1260-5

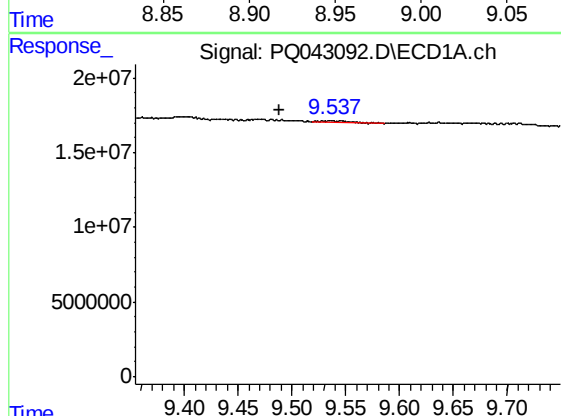
R.T.: 10.057 min
Delta R.T.: -0.019 min
Response: 5211880
Conc: 9.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



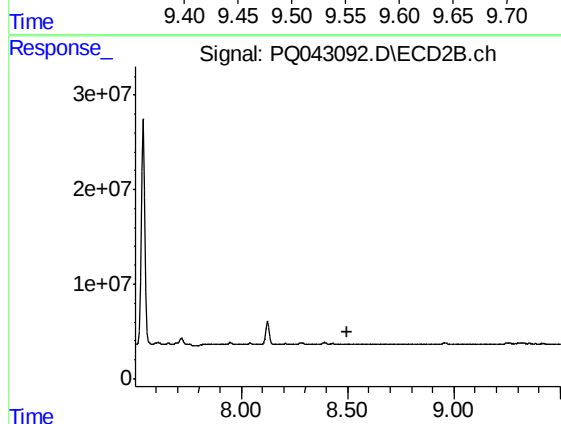
#35 AR-1260-5

R.T.: 8.957 min
Delta R.T.: -0.016 min
Response: 1460211
Conc: 2.50 ng/ml



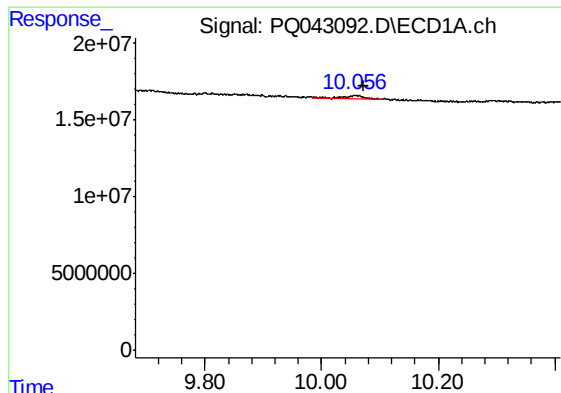
#36 AR-1262-1

R.T.: 9.536 min
Delta R.T.: 0.048 min
Response: 2213430
Conc: 5.51 ng/ml



#36 AR-1262-1

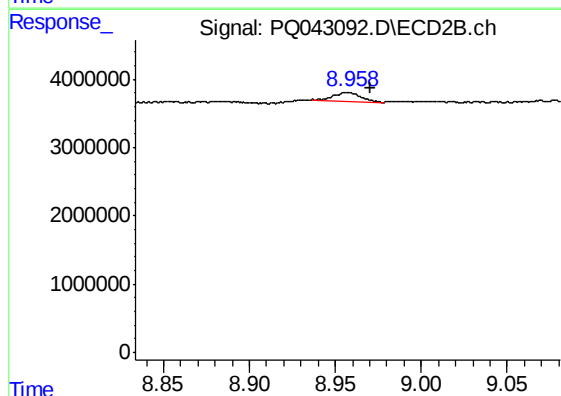
R.T.: 0.000 min
Exp R.T. : 8.502 min
Response: 0
Conc: N.D.



#37 AR-1262-2

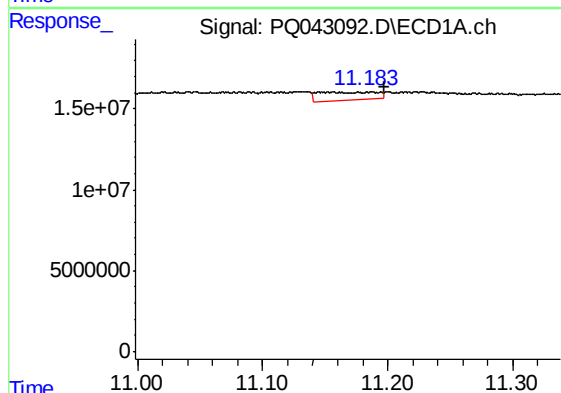
R.T.: 10.057 min
Delta R.T.: -0.015 min
Response: 5211880
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



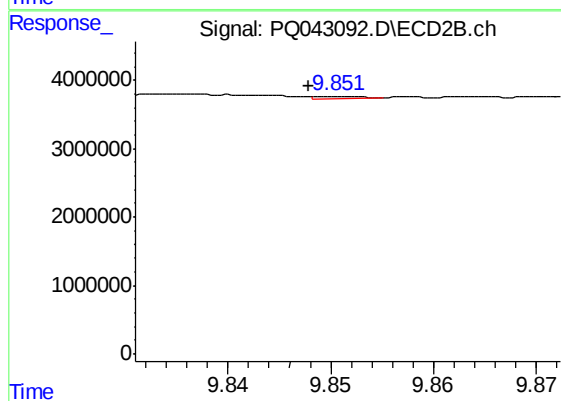
#37 AR-1262-2

R.T.: 8.957 min
Delta R.T.: -0.014 min
Response: 1460211
Conc: 1.69 ng/ml



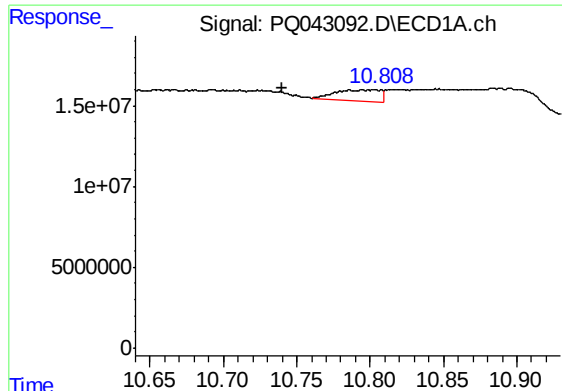
#40 AR-1262-5

R.T.: 11.184 min
Delta R.T.: -0.014 min
Response: 15853359
Conc: 42.49 ng/ml



#40 AR-1262-5

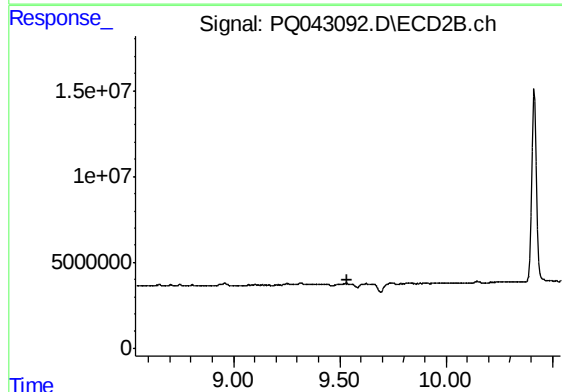
R.T.: 9.851 min
Delta R.T.: 0.003 min
Response: 94041
Conc: 0.29 ng/ml



#43 AR-1268-3

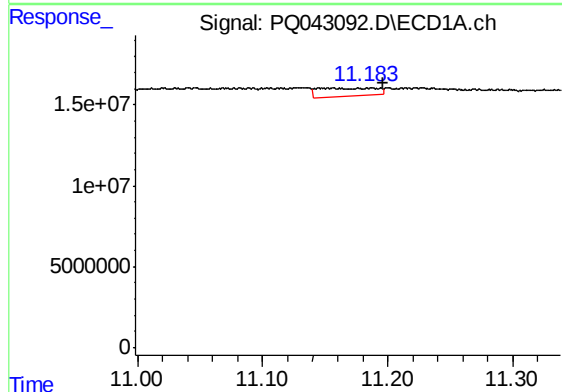
R.T.: 10.803 min
Delta R.T.: 0.063 min
Response: 14791515
Conc: 15.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3M9



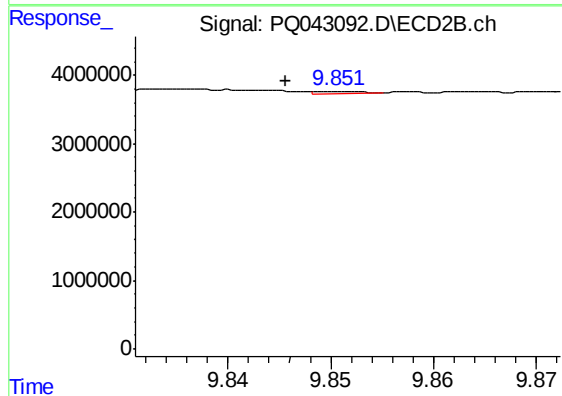
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.538 min
Response: 0
Conc: N.D.



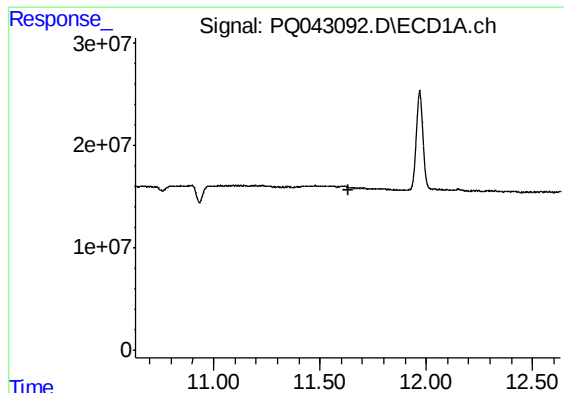
#44 AR-1268-4

R.T.: 11.184 min
Delta R.T.: -0.013 min
Response: 15853359
Conc: 39.52 ng/ml



#44 AR-1268-4

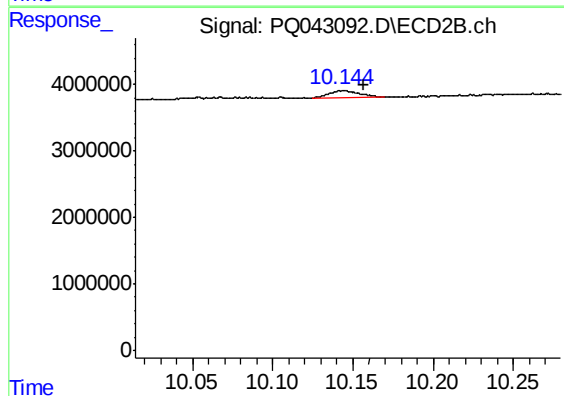
R.T.: 9.851 min
Delta R.T.: 0.005 min
Response: 94041
Conc: 0.26 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.632 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF3M9



#45 AR-1268-5

R.T.: 10.142 min
Delta R.T.: -0.015 min
Response: 1455080
Conc: 0.52 ng/ml