

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100323\
 Data File : P0098480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 17:28
 Operator : YP/AJ
 Sample : 04697-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:31:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.637	44272144	18265865	23.056	23.452
2) SA Decachlor...	10.299	8.646	30967023	13492182	25.511	25.183
Target Compounds						
3) L1 AR-1016-1	5.657	4.723	982016	86664	18.171	3.631 #
4) L1 AR-1016-2	5.694	4.737	955042	147043	11.763	4.318 #
5) L1 AR-1016-3	5.750	4.913	165417	78937	3.306	4.388 #
6) L1 AR-1016-4	5.847	4.952	-14265	23007	N.D.	1.535 #
7) L1 AR-1016-5	6.136	5.172	173879	92105	4.228	4.743
8) L2 AR-1221-1	4.695	3.856	88192	139138	3.917	15.144 #
9) L2 AR-1221-2	4.792	3.938	565613	569275	33.522	85.612 #
10) L2 AR-1221-3	4.857	4.011	33192	167201	0.679	8.289 #
11) L3 AR-1232-1	4.857	4.011	33192	167201	0.813	9.948 #
12) L3 AR-1232-2	5.406	4.737	361784	147043	16.728	9.786 #
13) L3 AR-1232-3	5.694	4.913	955042	78937	26.866	10.086 #
14) L3 AR-1232-4	5.847	5.003	-14265	166002	N.D.	22.077 #
15) L3 AR-1232-5	5.933	5.172	173787	92105	12.206	11.385
16) L4 AR-1242-1	5.657	4.723	982016	86664	21.565	4.139 #
17) L4 AR-1242-2	5.694	4.737	955042	147043	13.944	5.057 #
18) L4 AR-1242-3	5.750	4.913	165417	78937	3.906	5.051 #
19) L4 AR-1242-4	5.847	5.003	-14265	166002	N.D.	10.023 #
20) L4 AR-1242-5	6.603	5.522	7944047	740647	224.273	39.909 #
21) L5 AR-1248-1	5.657	4.723	982016	86664	29.017	5.530 #
22) L5 AR-1248-2	5.933	4.952	173787	23007	3.356	1.045 #
23) L5 AR-1248-3	6.136	5.003	173879	166002	3.077	7.070 #
24) L5 AR-1248-4	6.547	5.172	586368	92105	10.344	3.453 #
25) L5 AR-1248-5	6.603	5.566	7944047	432978	134.308	18.349 #
26) L6 AR-1254-1	6.518	5.522	401908	740647	6.363	19.316 #
27) L6 AR-1254-2	6.754	5.671	198980	197263	2.073	5.730 #
28) L6 AR-1254-3	7.109	6.069	280186	276236	2.978	5.316 #
29) L6 AR-1254-4	7.393	6.294	447998	284323	7.694	10.358 #
30) L6 AR-1254-5	7.811	6.735	299767	136531	4.292	3.152 #
31) L7 AR-1260-1	7.266	6.207	179988	42587	2.475	1.161 #
32) L7 AR-1260-2	7.535	6.391	108290	61326	1.315	1.462
33) L7 AR-1260-3	7.875	6.554	162321	126447	2.624	3.160
34) L7 AR-1260-4	8.095	7.029	2553180	93575	37.874	2.906 #
35) L7 AR-1260-5	8.437	7.237	492985	292740	3.795	4.178
36) L8 AR-1262-1	7.875	6.779	162321	126691	1.866	2.799 #
37) L8 AR-1262-2	8.437	7.029	492985	93575	3.495	2.321 #
38) L8 AR-1262-3	8.772	7.548	198617	332048	2.012	10.696 #
39) L8 AR-1262-4	8.862	7.616	296200	103012	3.860	1.902 #
40) L8 AR-1262-5	9.513	8.176f	49176	394191	1.014	15.962 #
41) L9 AR-1268-1	8.772	7.548	198617	332048	1.144	3.634 #

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 Operator : YP/AJ
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 ALS Vial : 12 Sample Multiplier: 1

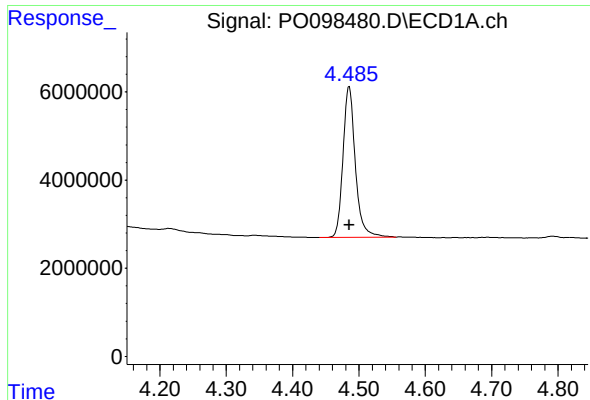
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:31:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.862	7.616	296200	103012	1.900	1.329 #
43) L9	AR-1268-3	9.090	7.822	117433	36664	0.859	0.553 #
44) L9	AR-1268-4	9.513	8.176f	49176	394191	0.923	14.563 #
45) L9	AR-1268-5	9.965	8.399	104480	103832	0.238	0.525 #

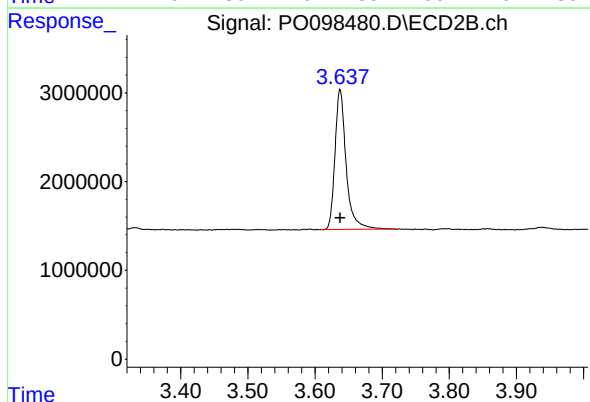
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

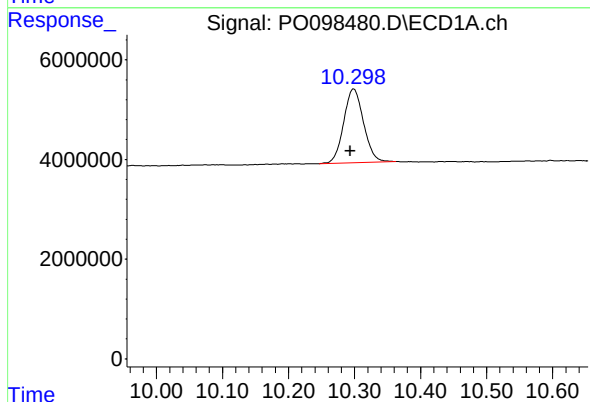
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 44272144
Conc: 23.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



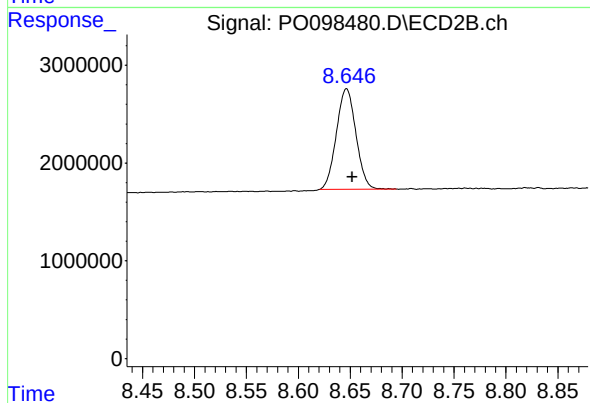
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.000 min
Response: 18265865
Conc: 23.45 ng/ml



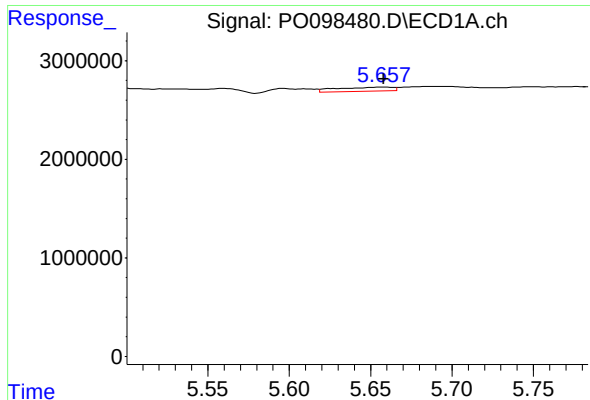
#2 Decachlorobiphenyl

R.T.: 10.299 min
Delta R.T.: 0.005 min
Response: 30967023
Conc: 25.51 ng/ml



#2 Decachlorobiphenyl

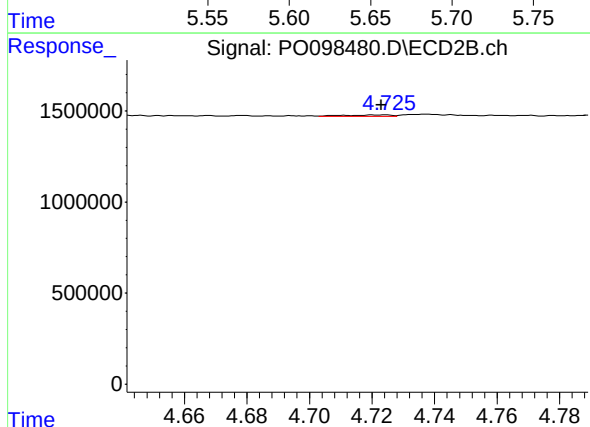
R.T.: 8.646 min
Delta R.T.: -0.006 min
Response: 13492182
Conc: 25.18 ng/ml



#3 AR-1016-1

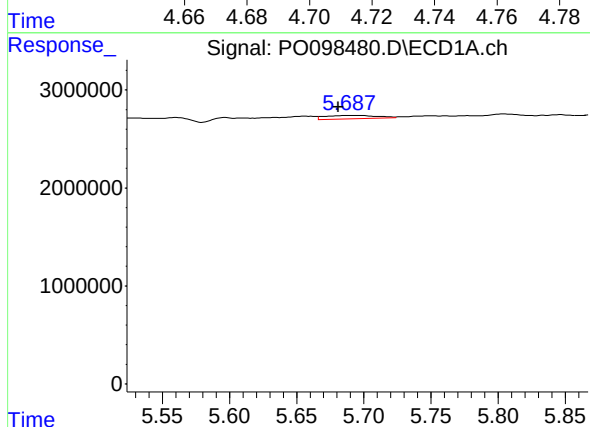
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 982016
Conc: 18.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



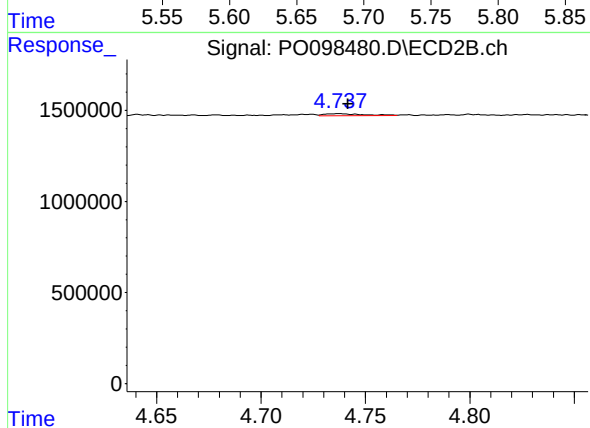
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 86664
Conc: 3.63 ng/ml



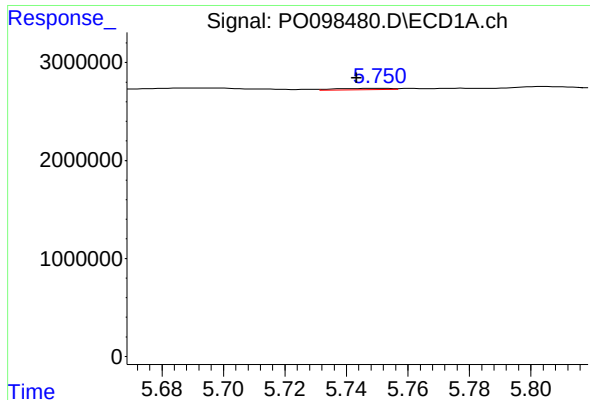
#4 AR-1016-2

R.T.: 5.694 min
Delta R.T.: 0.013 min
Response: 955042
Conc: 11.76 ng/ml



#4 AR-1016-2

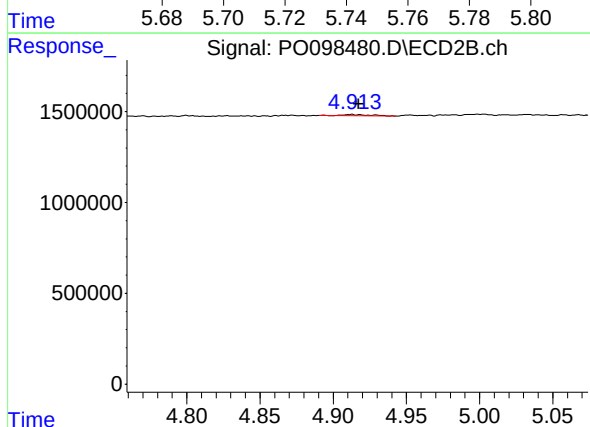
R.T.: 4.737 min
Delta R.T.: -0.004 min
Response: 147043
Conc: 4.32 ng/ml



#5 AR-1016-3

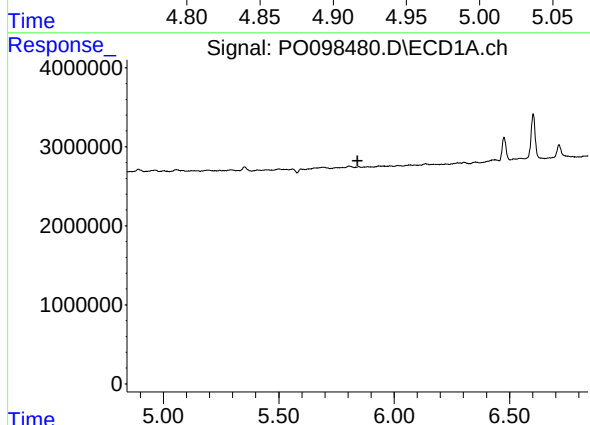
R.T.: 5.750 min
Delta R.T.: 0.007 min
Response: 165417
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



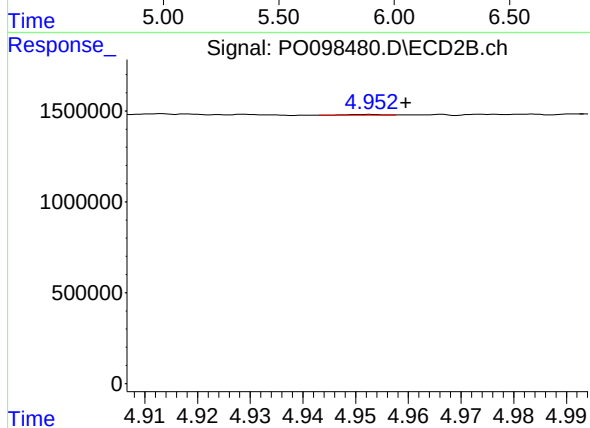
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 78937
Conc: 4.39 ng/ml



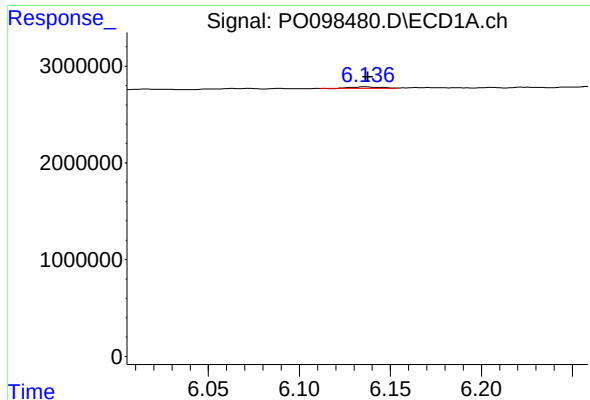
#6 AR-1016-4

R.T.: 5.847 min
Delta R.T.: 0.005 min
Response: -14265
Conc: N.D.



#6 AR-1016-4

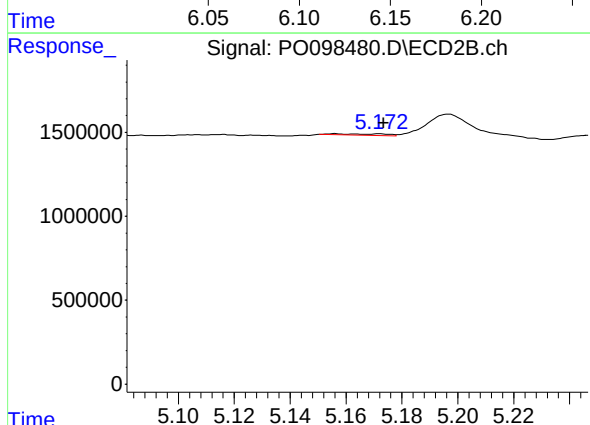
R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 23007
Conc: 1.53 ng/ml



#7 AR-1016-5

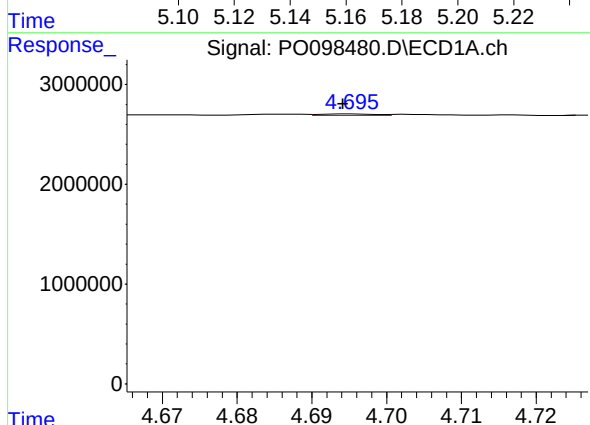
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 173879
Conc: 4.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



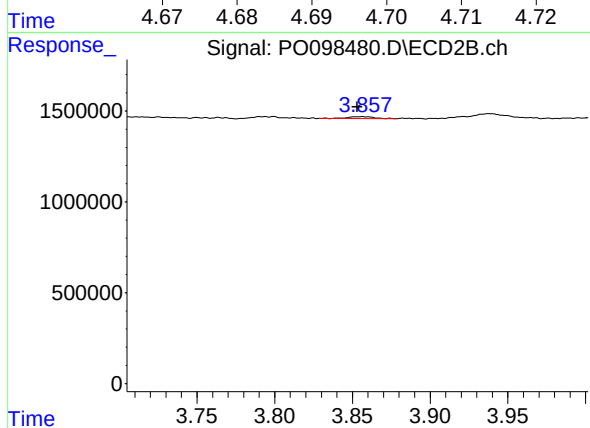
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 92105
Conc: 4.74 ng/ml



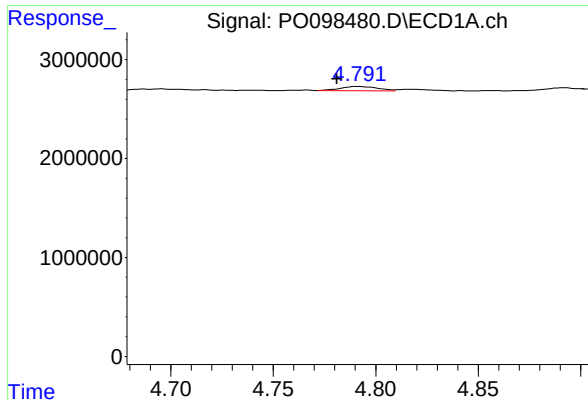
#8 AR-1221-1

R.T.: 4.695 min
Delta R.T.: 0.001 min
Response: 88192
Conc: 3.92 ng/ml



#8 AR-1221-1

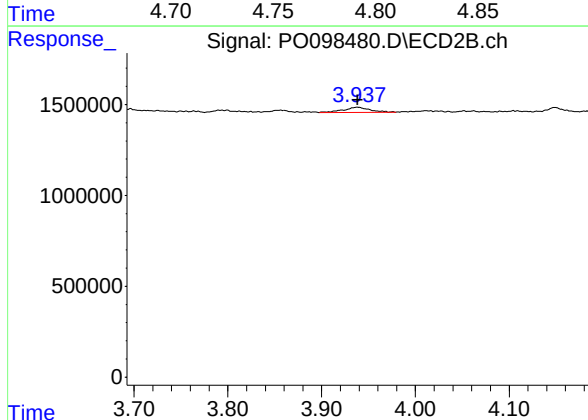
R.T.: 3.856 min
Delta R.T.: 0.003 min
Response: 139138
Conc: 15.14 ng/ml



#9 AR-1221-2

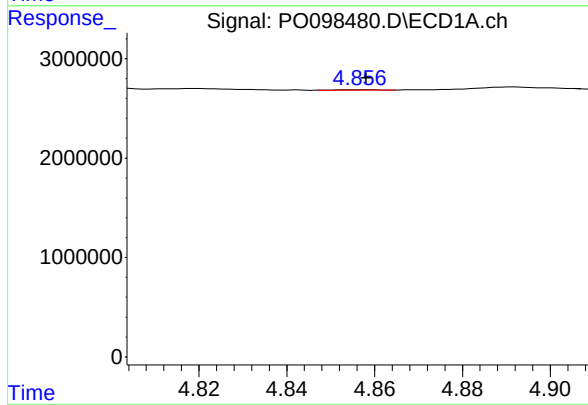
R.T.: 4.792 min
Delta R.T.: 0.011 min
Response: 565613
Conc: 33.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



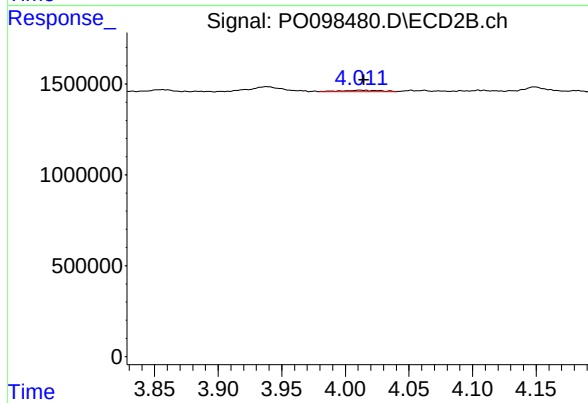
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 569275
Conc: 85.61 ng/ml



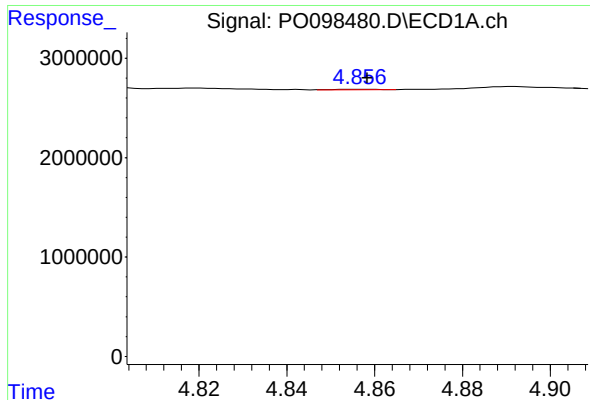
#10 AR-1221-3

R.T.: 4.857 min
Delta R.T.: -0.001 min
Response: 33192
Conc: 0.68 ng/ml



#10 AR-1221-3

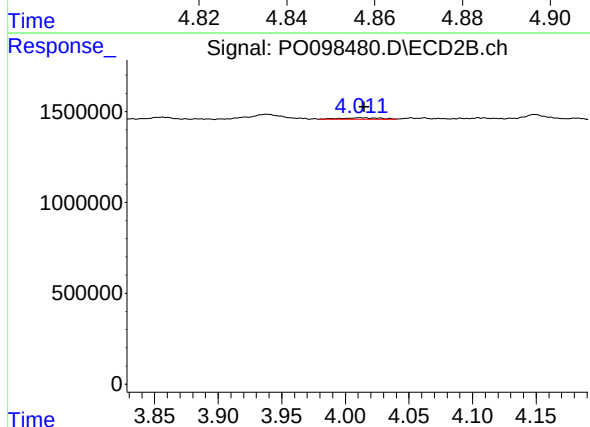
R.T.: 4.011 min
Delta R.T.: -0.004 min
Response: 167201
Conc: 8.29 ng/ml



#11 AR-1232-1

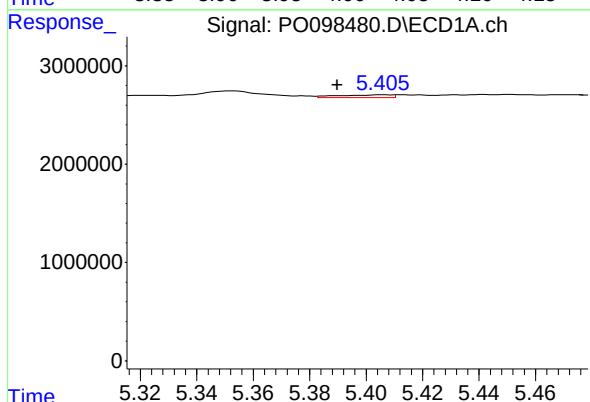
R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 33192
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



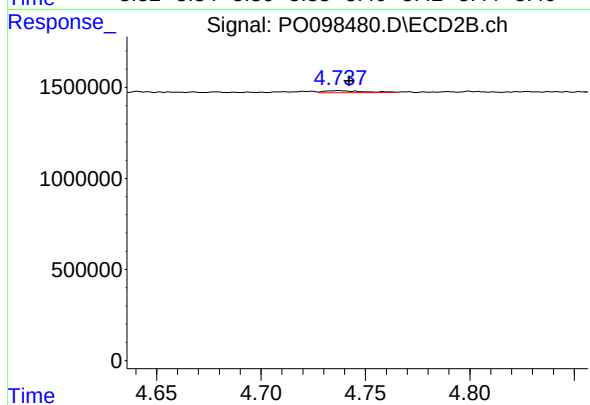
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: -0.004 min
Response: 167201
Conc: 9.95 ng/ml



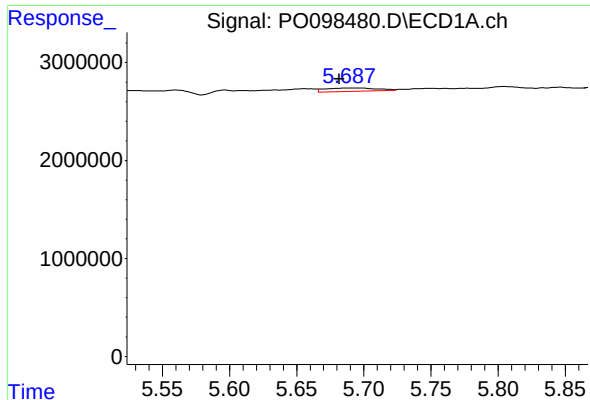
#12 AR-1232-2

R.T.: 5.406 min
Delta R.T.: 0.016 min
Response: 361784
Conc: 16.73 ng/ml



#12 AR-1232-2

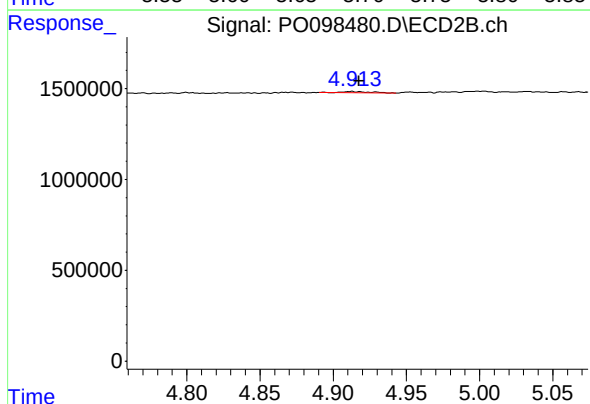
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 147043
Conc: 9.79 ng/ml



#13 AR-1232-3

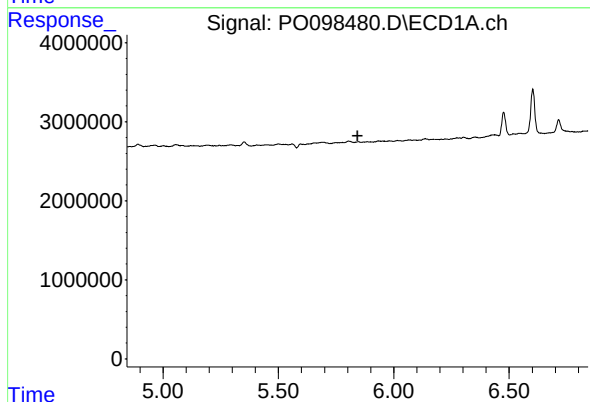
R.T.: 5.694 min
Delta R.T.: 0.012 min
Response: 955042
Conc: 26.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



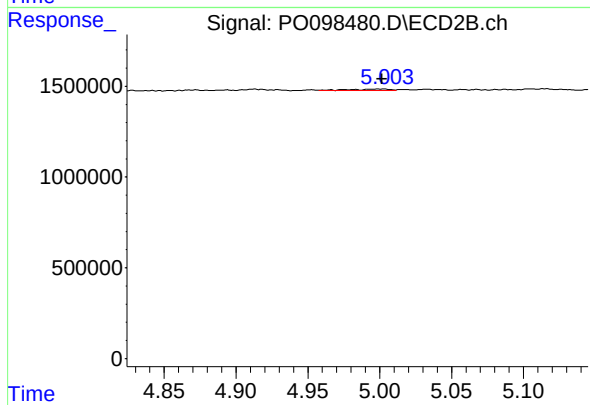
#13 AR-1232-3

R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 78937
Conc: 10.09 ng/ml



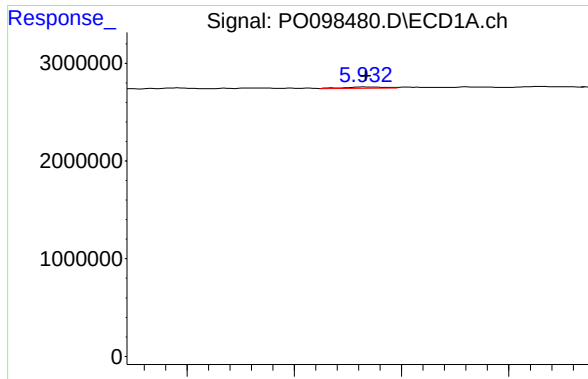
#14 AR-1232-4

R.T.: 5.847 min
Delta R.T.: 0.004 min
Response: -14265
Conc: N.D.



#14 AR-1232-4

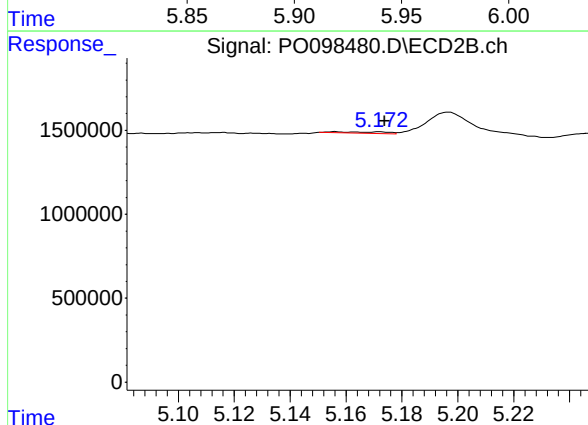
R.T.: 5.003 min
Delta R.T.: 0.001 min
Response: 166002
Conc: 22.08 ng/ml



#15 AR-1232-5

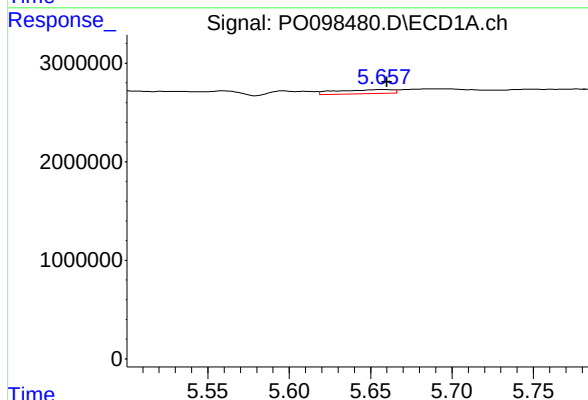
R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 173787
Conc: 12.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



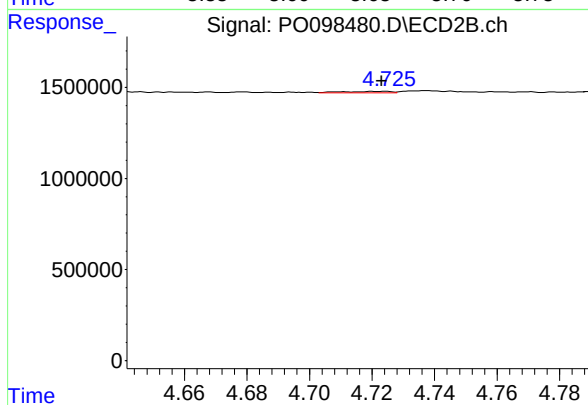
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 92105
Conc: 11.39 ng/ml



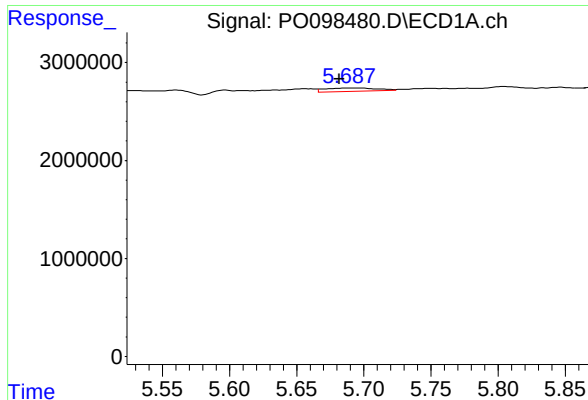
#16 AR-1242-1

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 982016
Conc: 21.57 ng/ml



#16 AR-1242-1

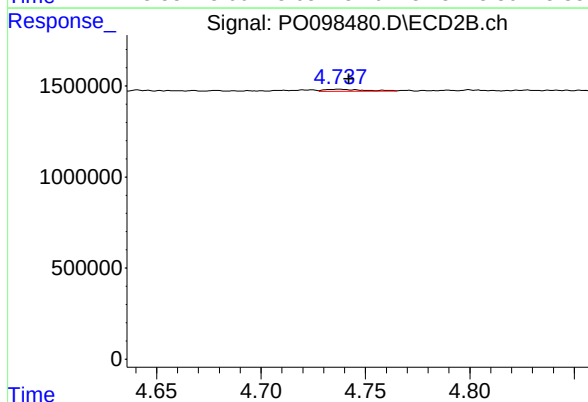
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 86664
Conc: 4.14 ng/ml



#17 AR-1242-2

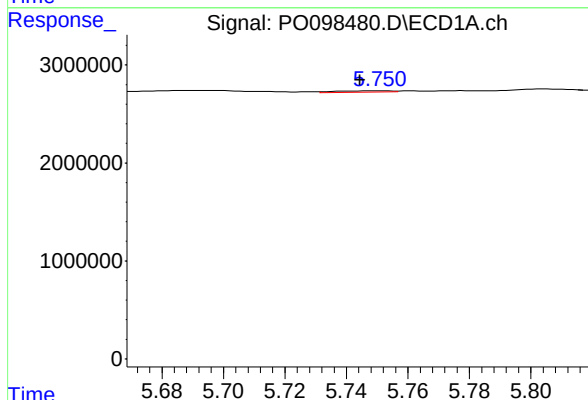
R.T.: 5.694 min
Delta R.T.: 0.012 min
Response: 955042
Conc: 13.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



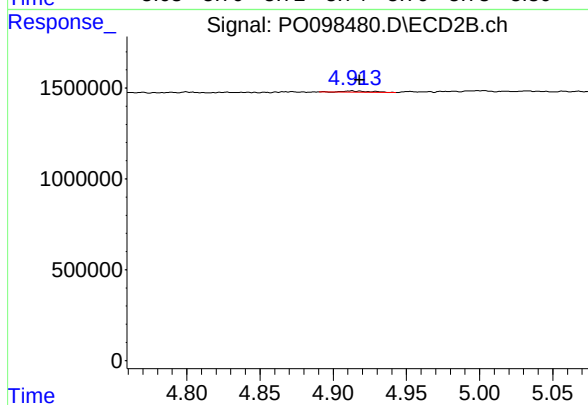
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 147043
Conc: 5.06 ng/ml



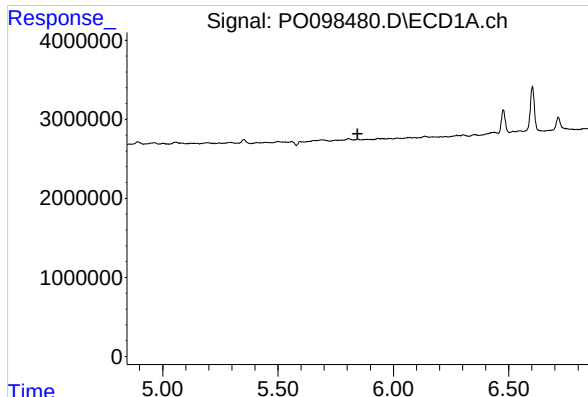
#18 AR-1242-3

R.T.: 5.750 min
Delta R.T.: 0.006 min
Response: 165417
Conc: 3.91 ng/ml



#18 AR-1242-3

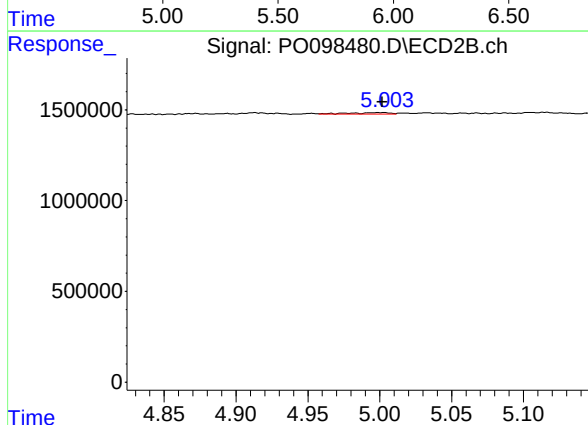
R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 78937
Conc: 5.05 ng/ml



#19 AR-1242-4

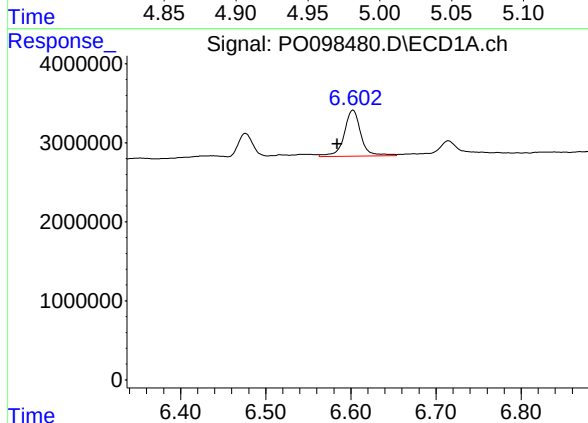
R.T.: 5.847 min
Delta R.T.: 0.003 min
Response: -14265
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



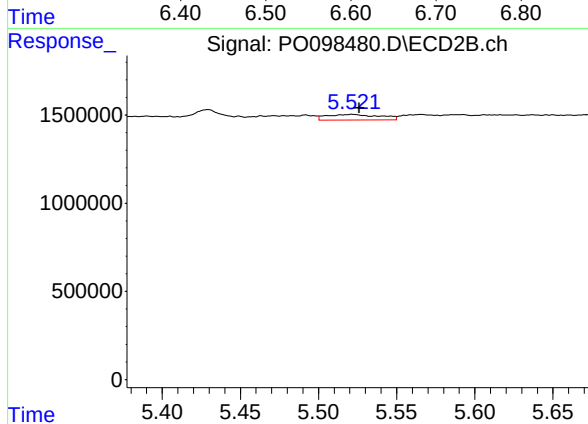
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: 0.001 min
Response: 166002
Conc: 10.02 ng/ml



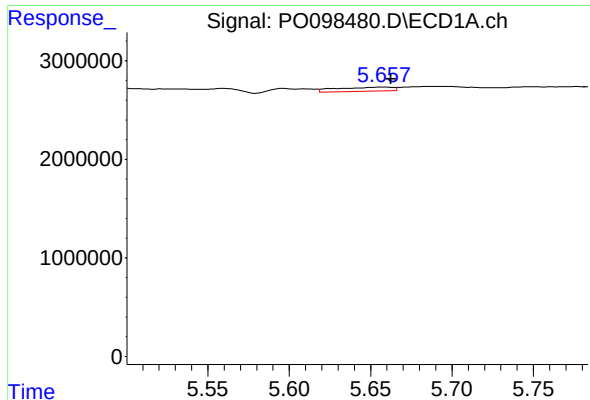
#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: 0.019 min
Response: 7944047
Conc: 224.27 ng/ml



#20 AR-1242-5

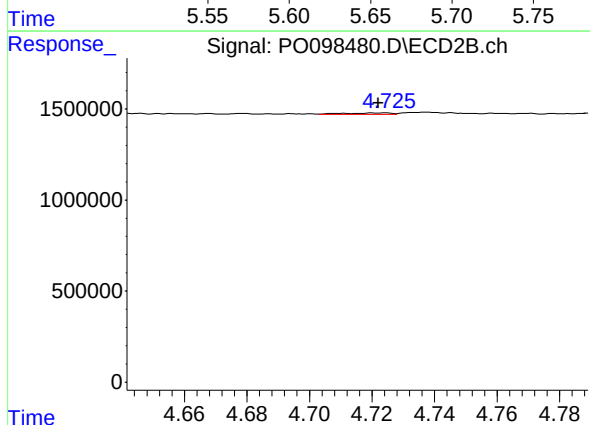
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 740647
Conc: 39.91 ng/ml



#21 AR-1248-1

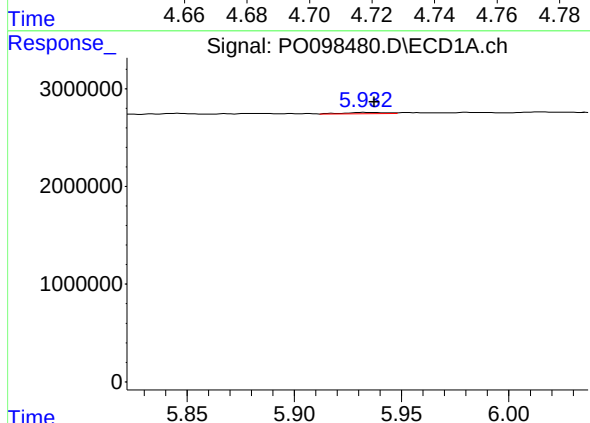
R.T.: 5.657 min
Delta R.T.: -0.006 min
Response: 982016
Conc: 29.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



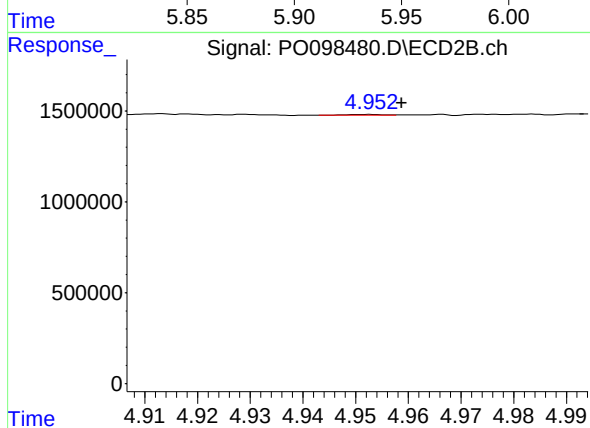
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 86664
Conc: 5.53 ng/ml



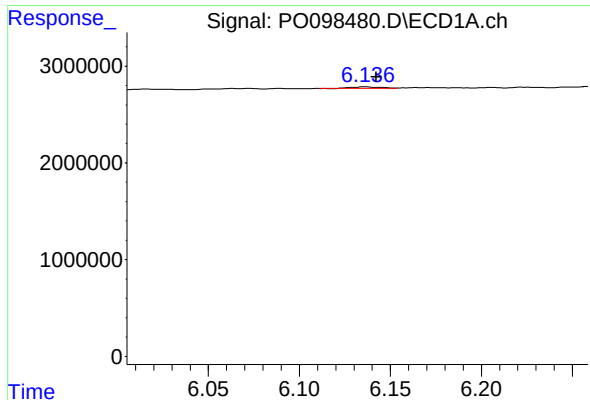
#22 AR-1248-2

R.T.: 5.933 min
Delta R.T.: -0.004 min
Response: 173787
Conc: 3.36 ng/ml



#22 AR-1248-2

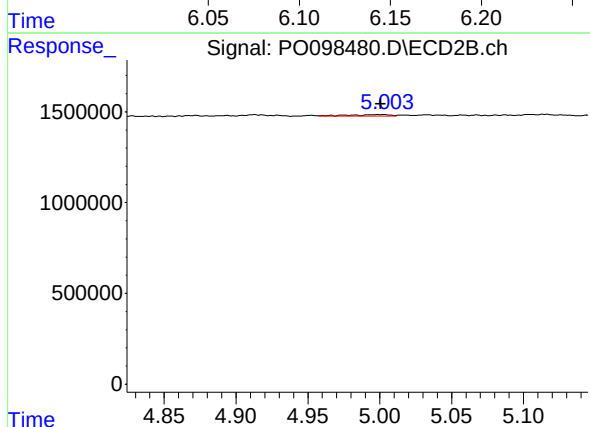
R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 23007
Conc: 1.05 ng/ml



#23 AR-1248-3

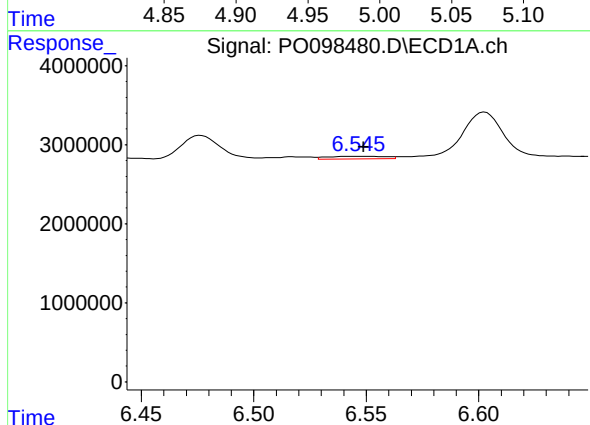
R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 173879
Conc: 3.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



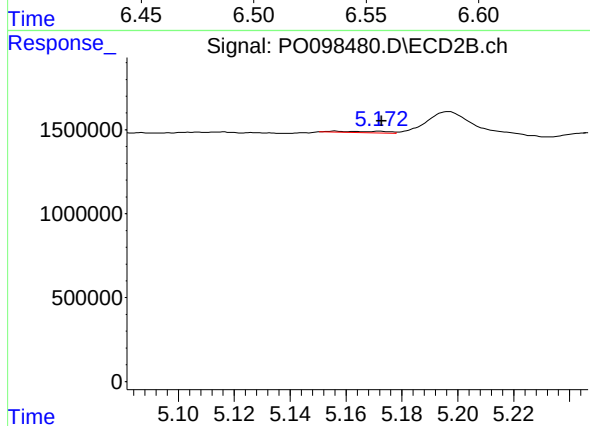
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.003 min
Response: 166002
Conc: 7.07 ng/ml



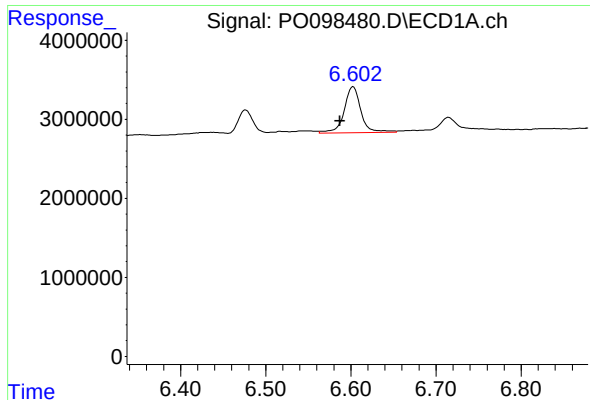
#24 AR-1248-4

R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 586368
Conc: 10.34 ng/ml



#24 AR-1248-4

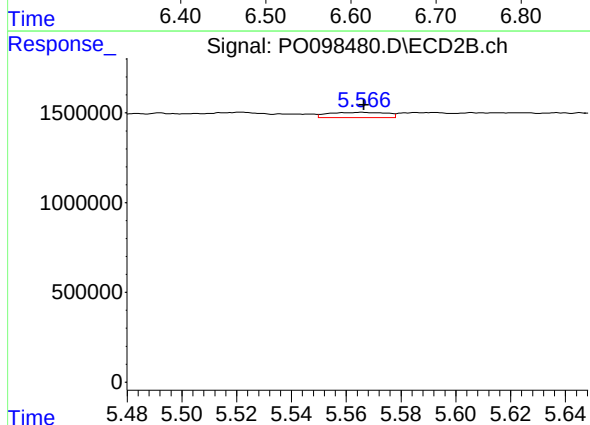
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 92105
Conc: 3.45 ng/ml



#25 AR-1248-5

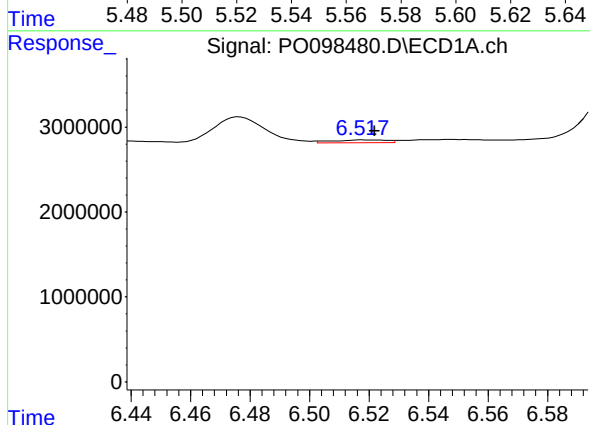
R.T.: 6.603 min
Delta R.T.: 0.016 min
Response: 7944047
Conc: 134.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



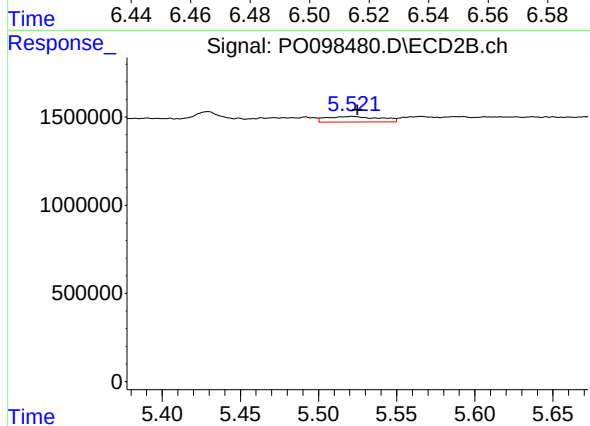
#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 432978
Conc: 18.35 ng/ml



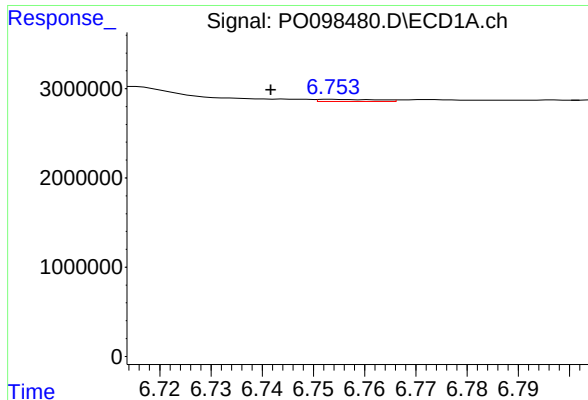
#26 AR-1254-1

R.T.: 6.518 min
Delta R.T.: -0.004 min
Response: 401908
Conc: 6.36 ng/ml



#26 AR-1254-1

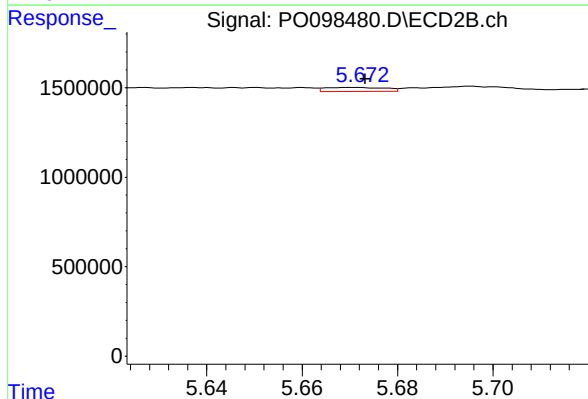
R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 740647
Conc: 19.32 ng/ml



#27 AR-1254-2

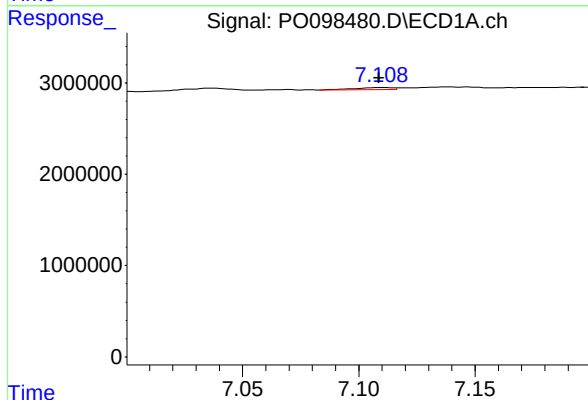
R.T.: 6.754 min
Delta R.T.: 0.012 min
Response: 198980
Conc: 2.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



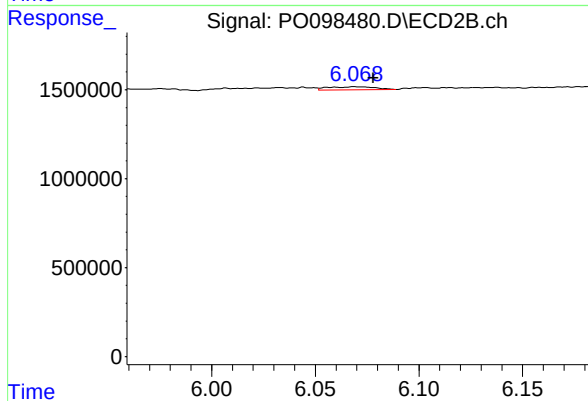
#27 AR-1254-2

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 197263
Conc: 5.73 ng/ml



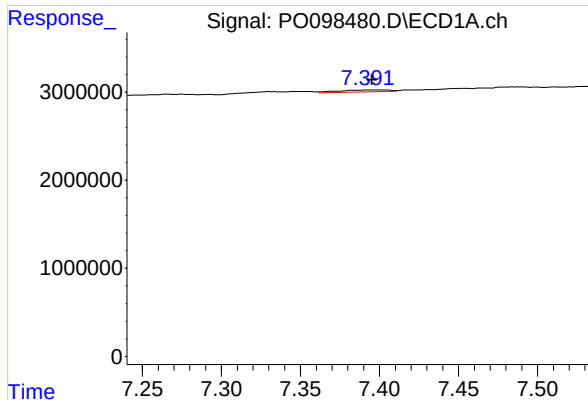
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 280186
Conc: 2.98 ng/ml



#28 AR-1254-3

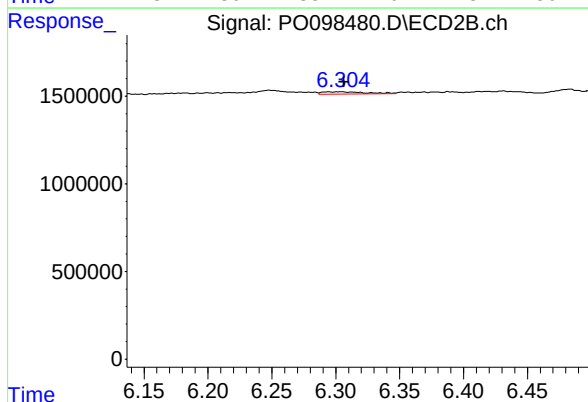
R.T.: 6.069 min
Delta R.T.: -0.009 min
Response: 276236
Conc: 5.32 ng/ml



#29 AR-1254-4

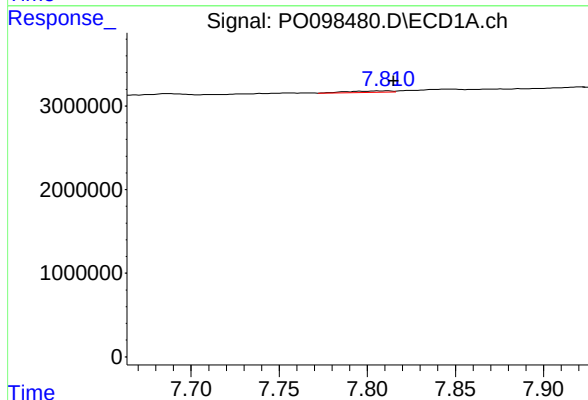
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 447998
Conc: 7.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



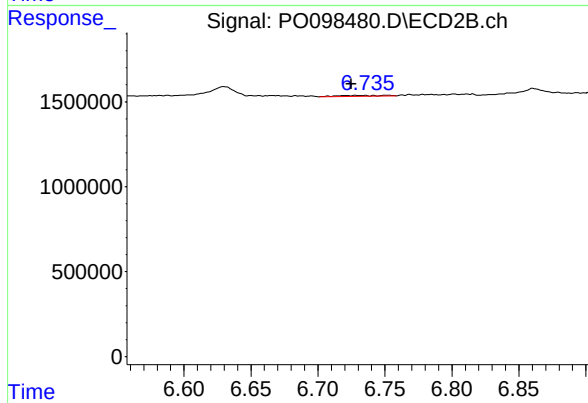
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: -0.012 min
Response: 284323
Conc: 10.36 ng/ml



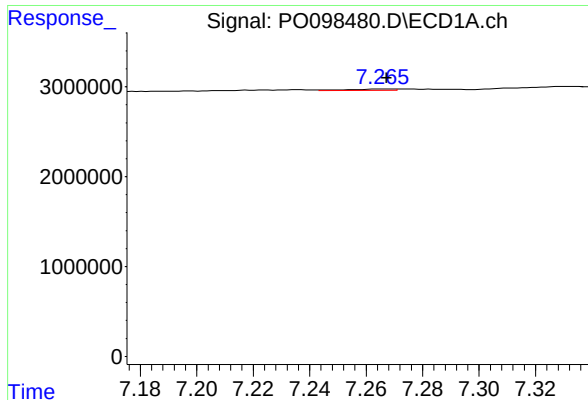
#30 AR-1254-5

R.T.: 7.811 min
Delta R.T.: -0.004 min
Response: 299767
Conc: 4.29 ng/ml



#30 AR-1254-5

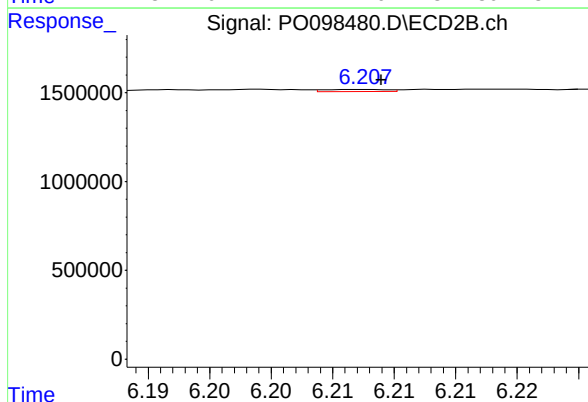
R.T.: 6.735 min
Delta R.T.: 0.010 min
Response: 136531
Conc: 3.15 ng/ml



#31 AR-1260-1

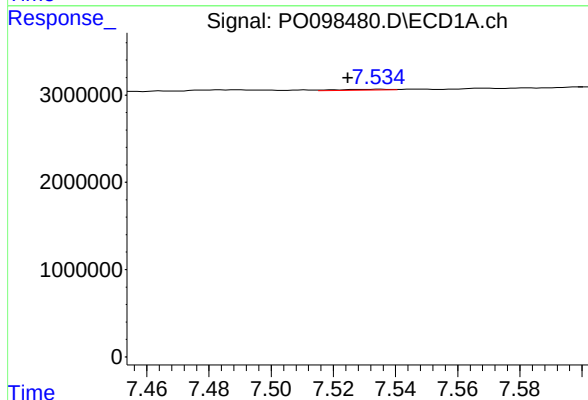
R.T.: 7.266 min
Delta R.T.: -0.002 min
Response: 179988
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



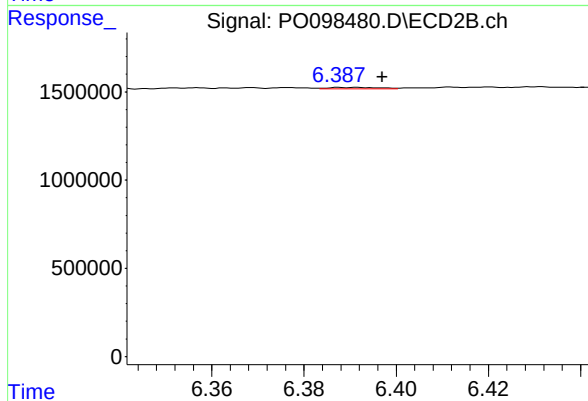
#31 AR-1260-1

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 42587
Conc: 1.16 ng/ml



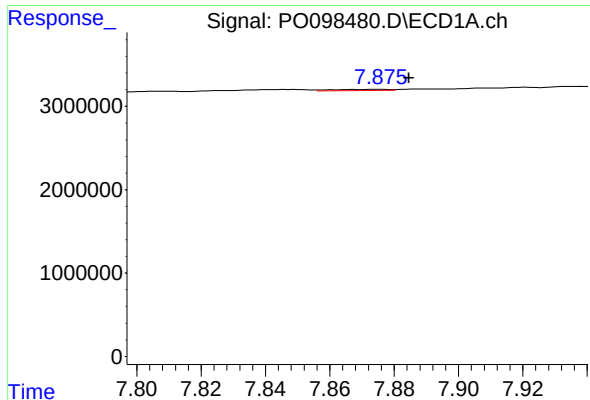
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: 0.011 min
Response: 108290
Conc: 1.32 ng/ml



#32 AR-1260-2

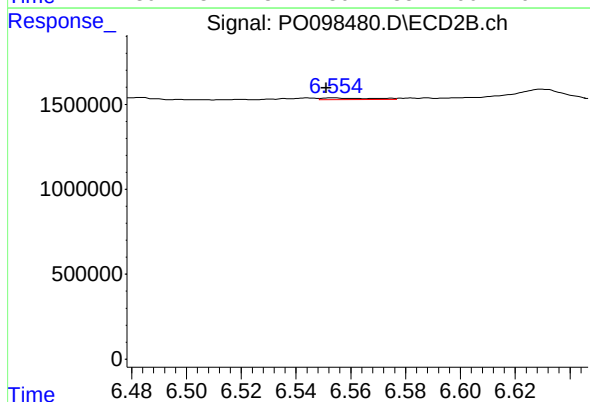
R.T.: 6.391 min
Delta R.T.: -0.006 min
Response: 61326
Conc: 1.46 ng/ml



#33 AR-1260-3

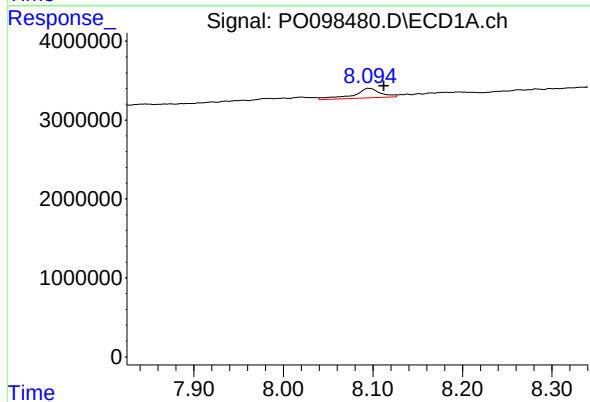
R.T.: 7.875 min
Delta R.T.: -0.010 min
Response: 162321
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



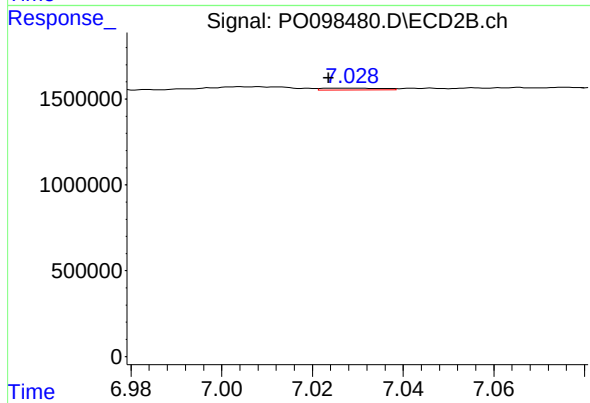
#33 AR-1260-3

R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 126447
Conc: 3.16 ng/ml



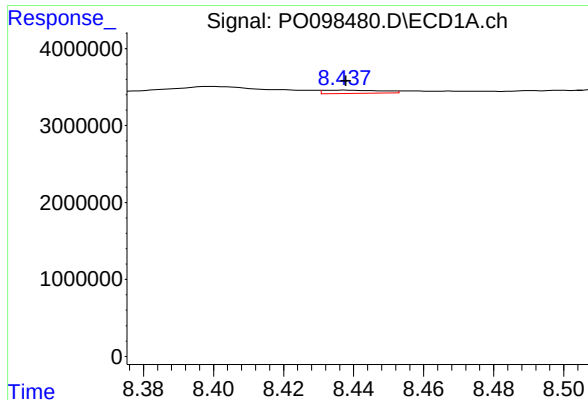
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: -0.017 min
Response: 2553180
Conc: 37.87 ng/ml



#34 AR-1260-4

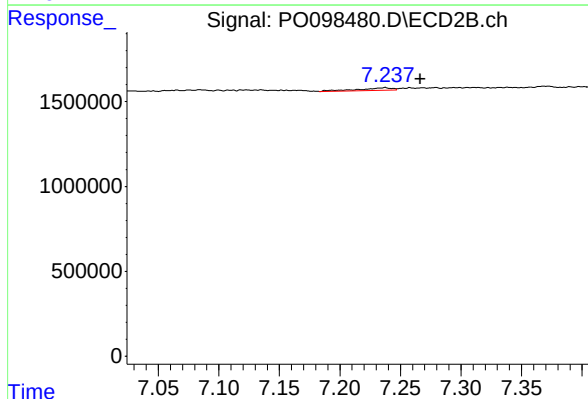
R.T.: 7.029 min
Delta R.T.: 0.005 min
Response: 93575
Conc: 2.91 ng/ml



#35 AR-1260-5

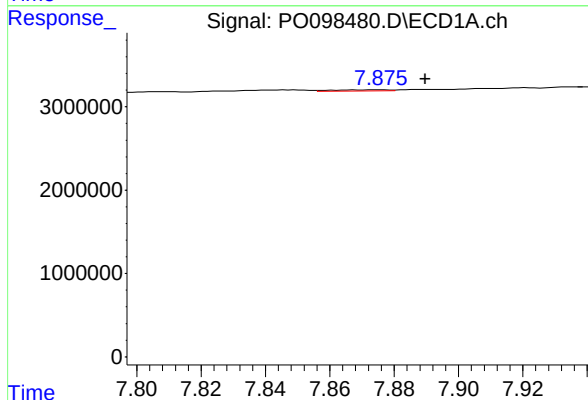
R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 492985
Conc: 3.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



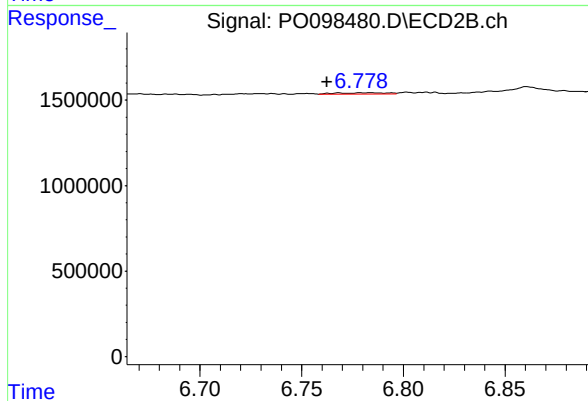
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.030 min
Response: 292740
Conc: 4.18 ng/ml



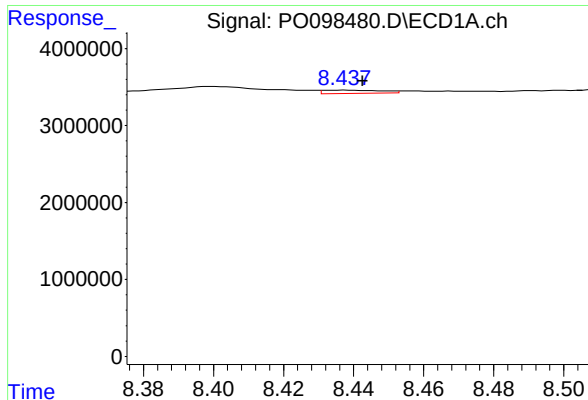
#36 AR-1262-1

R.T.: 7.875 min
Delta R.T.: -0.015 min
Response: 162321
Conc: 1.87 ng/ml



#36 AR-1262-1

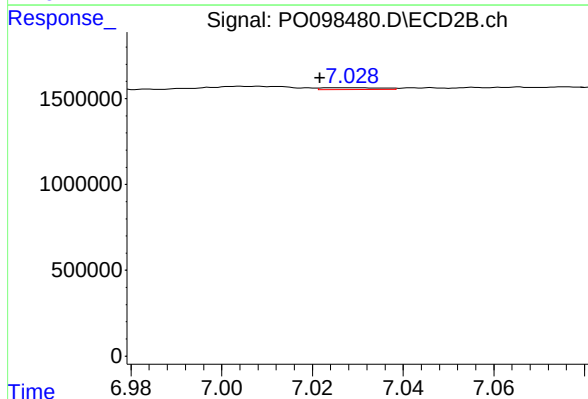
R.T.: 6.779 min
Delta R.T.: 0.017 min
Response: 126691
Conc: 2.80 ng/ml



#37 AR-1262-2

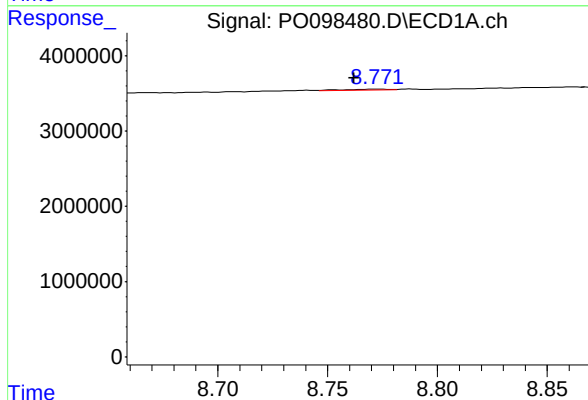
R.T.: 8.437 min
Delta R.T.: -0.006 min
Response: 492985
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



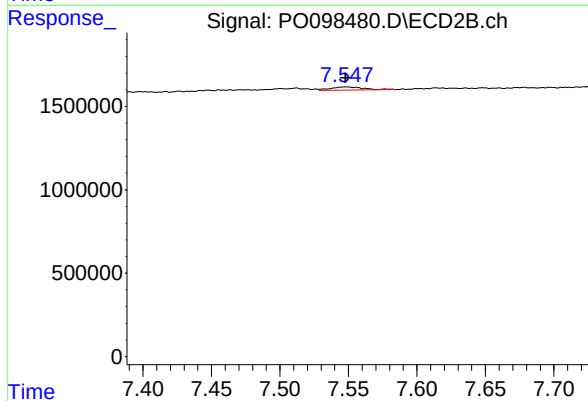
#37 AR-1262-2

R.T.: 7.029 min
Delta R.T.: 0.007 min
Response: 93575
Conc: 2.32 ng/ml



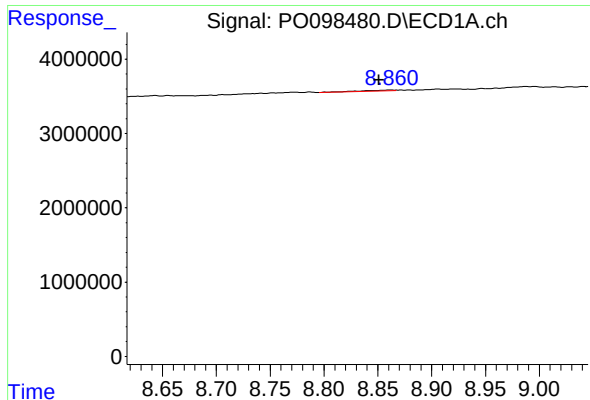
#38 AR-1262-3

R.T.: 8.772 min
Delta R.T.: 0.010 min
Response: 198617
Conc: 2.01 ng/ml



#38 AR-1262-3

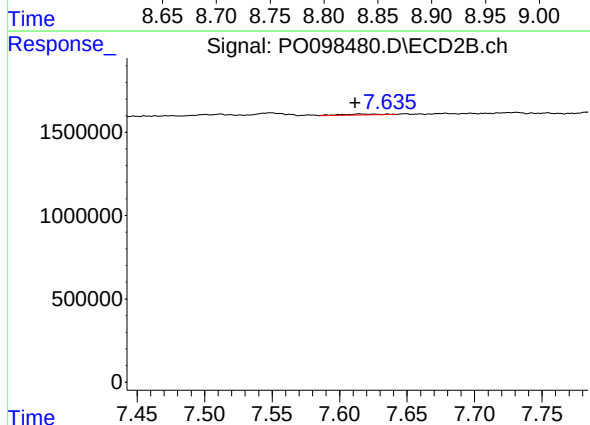
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 332048
Conc: 10.70 ng/ml



#39 AR-1262-4

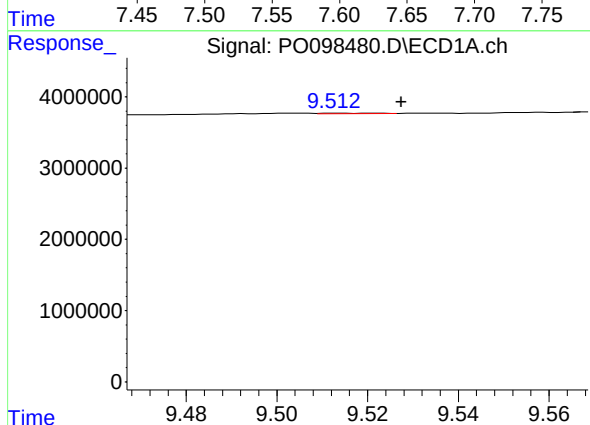
R.T.: 8.862 min
Delta R.T.: 0.011 min
Response: 296200
Conc: 3.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



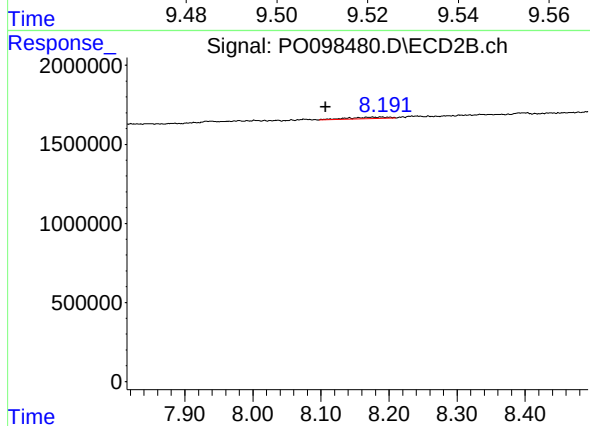
#39 AR-1262-4

R.T.: 7.616 min
Delta R.T.: 0.004 min
Response: 103012
Conc: 1.90 ng/ml



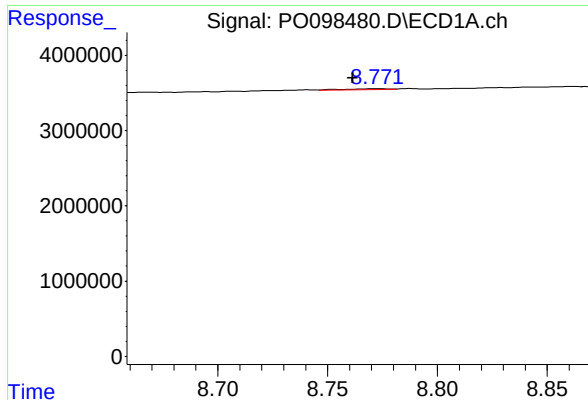
#40 AR-1262-5

R.T.: 9.513 min
Delta R.T.: -0.014 min
Response: 49176
Conc: 1.01 ng/ml



#40 AR-1262-5

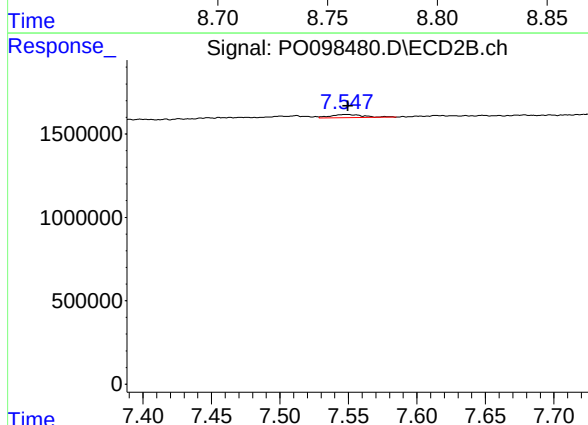
R.T.: 8.176 min
Delta R.T.: 0.069 min
Response: 394191
Conc: 15.96 ng/ml



#41 AR-1268-1

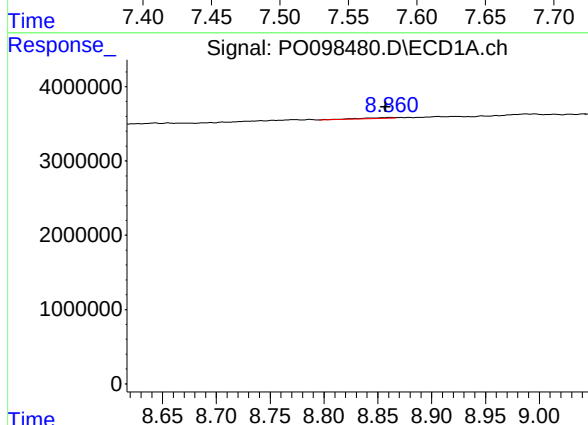
R.T.: 8.772 min
Delta R.T.: 0.010 min
Response: 198617
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



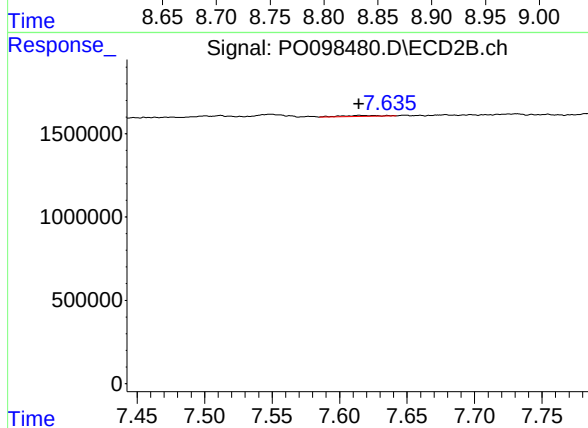
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 332048
Conc: 3.63 ng/ml



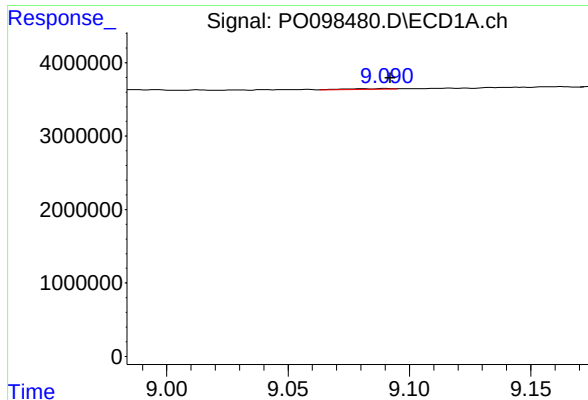
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: 0.004 min
Response: 296200
Conc: 1.90 ng/ml



#42 AR-1268-2

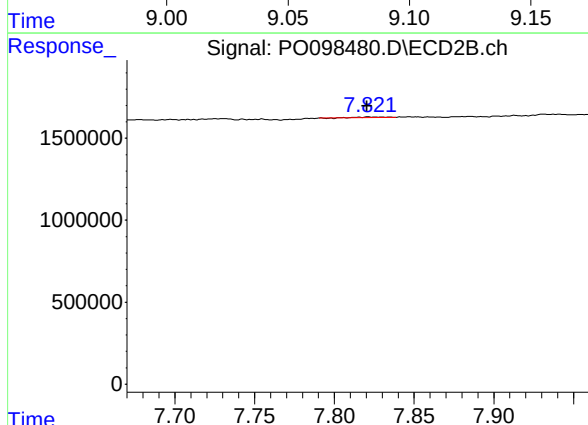
R.T.: 7.616 min
Delta R.T.: 0.001 min
Response: 103012
Conc: 1.33 ng/ml



#43 AR-1268-3

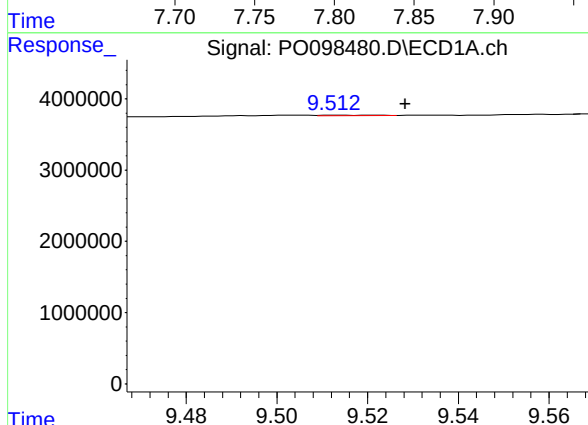
R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 117433
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



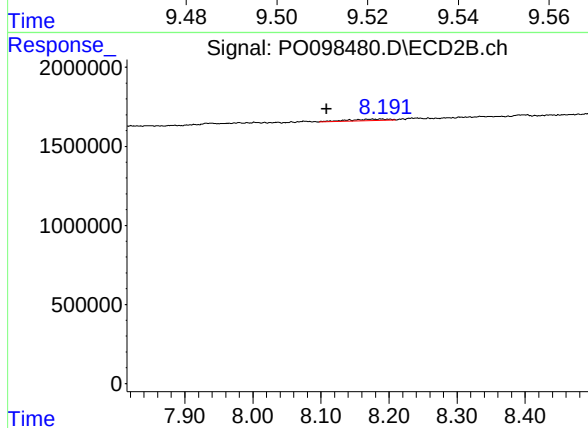
#43 AR-1268-3

R.T.: 7.822 min
Delta R.T.: 0.002 min
Response: 36664
Conc: 0.55 ng/ml



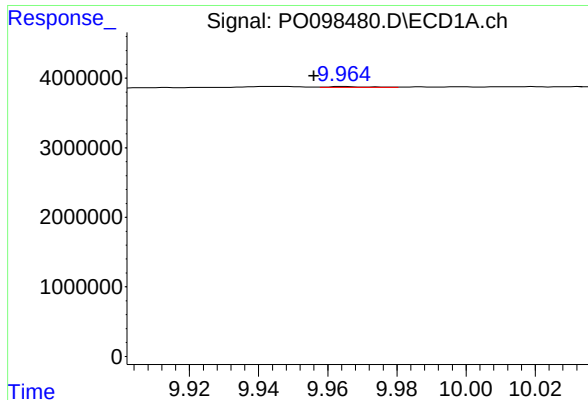
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: -0.015 min
Response: 49176
Conc: 0.92 ng/ml



#44 AR-1268-4

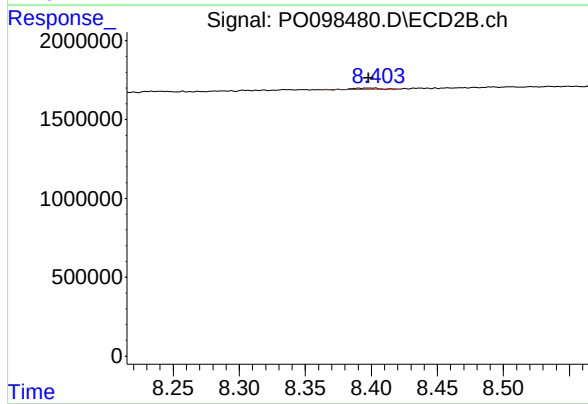
R.T.: 8.176 min
Delta R.T.: 0.067 min
Response: 394191
Conc: 14.56 ng/ml



#45 AR-1268-5

R.T.: 9.965 min
Delta R.T.: 0.009 min
Response: 104480
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: 0.001 min
Response: 103832
Conc: 0.52 ng/ml