

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012524\
 Data File : P0101320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 16:08
 Operator : YP/AJ
 Sample : P1221-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MH-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 04:55:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012424.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 24 04:51:39 2024
 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...	4.332	3.631	89899282	61099460	23.420	23.642
2)	SA Decachlor...	10.056	8.674	54295133	43377938	23.301	22.891
Target Compounds							
3)	L1 AR-1016-1	5.505	4.729	2963603	1171163	30.317	15.842 #
4)	L1 AR-1016-2	5.535	4.729	1934296	1171163	14.062	11.882
5)	L1 AR-1016-3	5.578	4.908	2778293	239700	30.970	4.369 #
6)	L1 AR-1016-4	5.680	4.966	480340	618127	6.721	12.163 #
7)	L1 AR-1016-5	5.976	5.164	1005087	333552	12.715	5.109 #
8)	L2 AR-1221-1	4.539	3.838	4470541	226433	106.773	7.906 #
9)	L2 AR-1221-2	4.637	3.916	1026871	4827101	32.365	215.832 #
10)	L2 AR-1221-3	4.706	3.999	69516	71772	0.785	1.129 #
11)	L3 AR-1232-1	4.706	3.999	69516	71772	0.919	1.315 #
12)	L3 AR-1232-2	5.194f	4.729	3176981	1171163	69.912	24.356 #
13)	L3 AR-1232-3	5.535	4.908	1934296	239700	28.897	9.142 #
14)	L3 AR-1232-4	5.680	5.009	480340	212956	13.418	7.647 #
15)	L3 AR-1232-5	5.781	5.164	1458476	333552	42.750	10.908 #
16)	L4 AR-1242-1	5.505	4.729	2963603	1171163	38.302	19.906 #
17)	L4 AR-1242-2	5.535	4.729	1934296	1171163	17.861	15.103
18)	L4 AR-1242-3	5.578	4.908	2778293	239700	39.087	5.530 #
19)	L4 AR-1242-4	5.680	5.009	480340	212956	8.433	4.278 #
20)	L4 AR-1242-5	6.440	5.514	2136057	3847459	39.804	72.631 #
21)	L5 AR-1248-1	5.505	4.729	2963603	1171163	51.130	26.174 #
22)	L5 AR-1248-2	5.781	4.966	1458476	618127	14.482	8.791 #
23)	L5 AR-1248-3	5.976	5.009	1005087	212956	9.700	2.928 #
24)	L5 AR-1248-4	6.357	5.164	609039	333552	6.707	3.924 #
25)	L5 AR-1248-5	6.440	5.617f	2136057	4724522	23.948	69.001 #
26)	L6 AR-1254-1	6.357	5.514	609039	3847459	5.119	30.925 #
27)	L6 AR-1254-2	6.574	5.702	1617586	3166948	9.497	28.292 #
28)	L6 AR-1254-3	6.953	6.103	2149317	5570888	13.088	33.480 #
29)	L6 AR-1254-4	7.232	6.315	295244	1125619	2.954	13.197 #
30)	L6 AR-1254-5	7.651	6.736	2104123	1065166	17.903	7.861 #
31)	L7 AR-1260-1	7.110	6.216	451837	1170529	3.168	9.486 #
32)	L7 AR-1260-2	7.355	6.399	7103705	741529	48.495	5.423 #
33)	L7 AR-1260-3	7.733	6.561	1225612	610312	10.496	4.757 #
34)	L7 AR-1260-4	7.965	7.031	60585	126666	0.515	1.226 #
35)	L7 AR-1260-5	8.267	7.277	775315	417101	3.536	1.987 #
36)	L8 AR-1262-1	7.651	6.736	2104123	1065166	18.828	13.139 #
37)	L8 AR-1262-2	8.267	7.031	775315	126666	2.850	0.851 #
38)	L8 AR-1262-3	8.573	7.597	441755	717841	2.271	6.988 #
39)	L8 AR-1262-4	8.672	7.627	1327252	646026	8.548	3.308 #
40)	L8 AR-1262-5	9.314	8.132	45079	185180	0.480	2.210 #
41)	L9 AR-1268-1	8.573	7.597	441755	717841	1.393	2.568 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012524\
Data File : P0101320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2024 16:08
Operator : YP/AJ
Sample : P1221-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

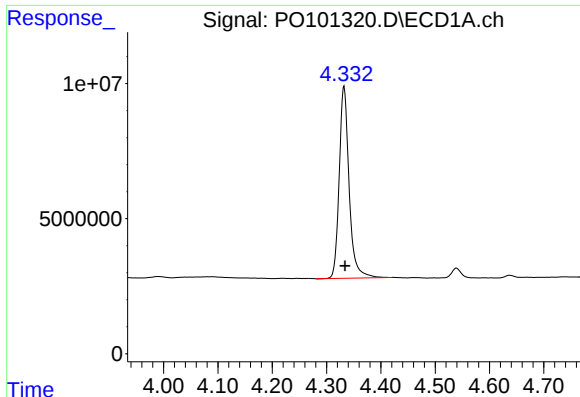
Instrument :
ECD_O
ClientSampleId :
MH-A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 04:55:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012424.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 24 04:51:39 2024
Response via : Initial Calibration
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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
42)	L9 AR-1268-2	8.672	7.627	1327252	646026	4.596	2.526 #
43)	L9 AR-1268-3	8.884	7.844	127069	663062	0.493	2.851 #
44)	L9 AR-1268-4	9.314	8.132	45079	185180	0.491	2.179 #
45)	L9 AR-1268-5	9.725	8.420	388321	421045	0.485	0.640 #

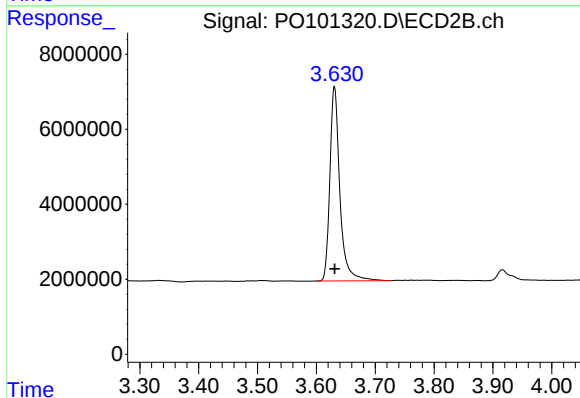
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

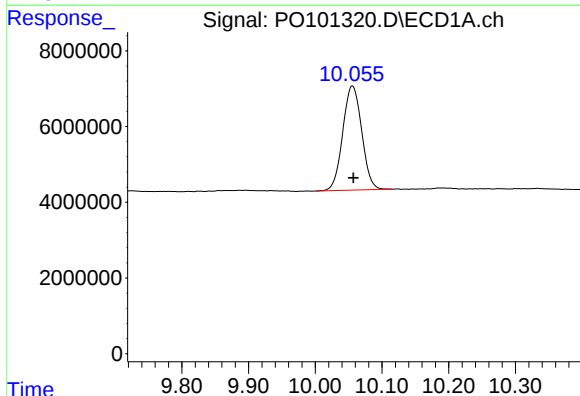
R.T.: 4.332 min
Delta R.T.: -0.002 min
Response: 89899282
Conc: 23.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



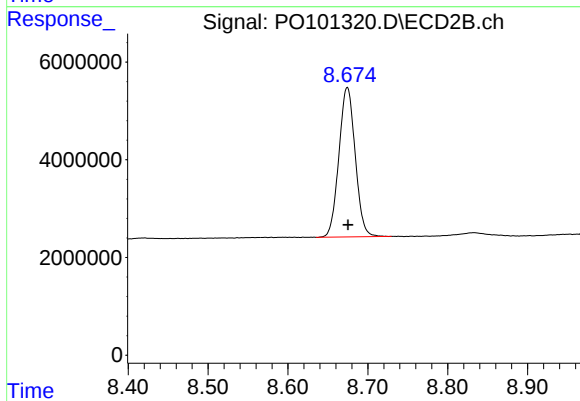
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 61099460
Conc: 23.64 ng/ml



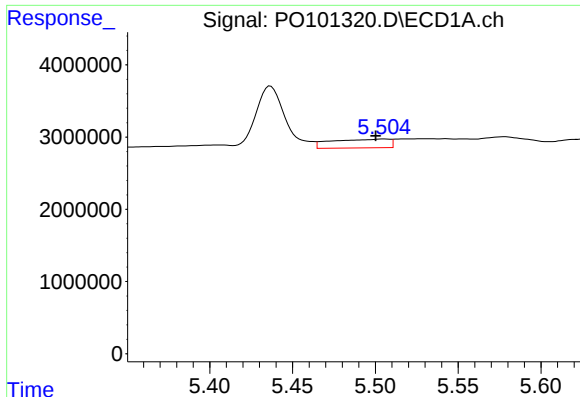
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.002 min
Response: 54295133
Conc: 23.30 ng/ml



#2 Decachlorobiphenyl

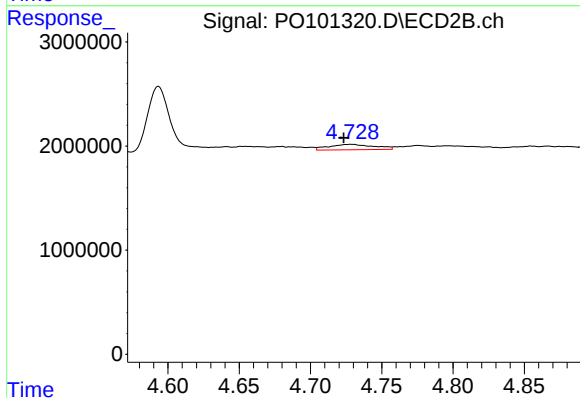
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 43377938
Conc: 22.89 ng/ml



#3 AR-1016-1

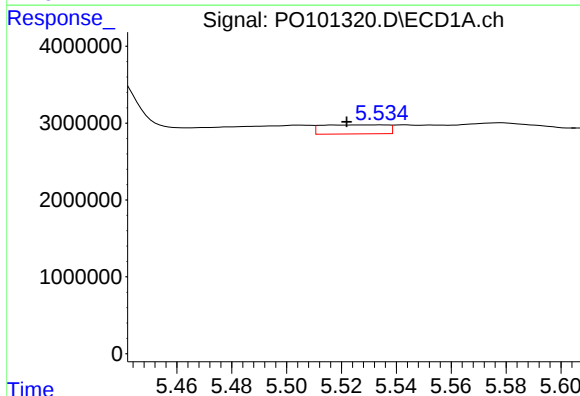
R.T.: 5.505 min
Delta R.T.: 0.005 min
Response: 2963603
Conc: 30.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



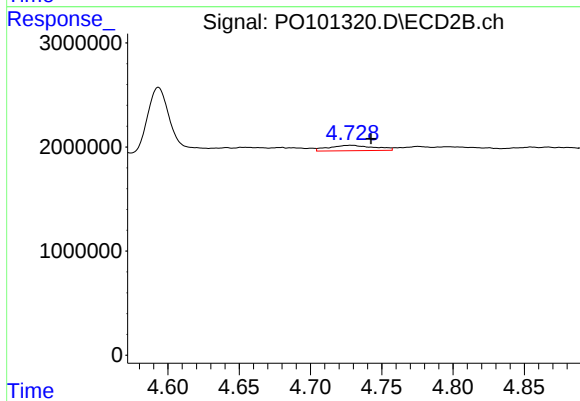
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.005 min
Response: 1171163
Conc: 15.84 ng/ml



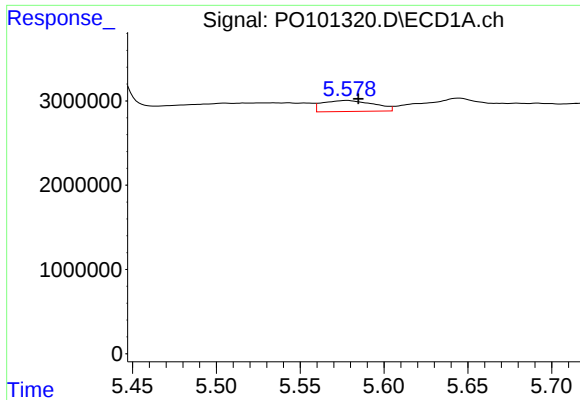
#4 AR-1016-2

R.T.: 5.535 min
Delta R.T.: 0.013 min
Response: 1934296
Conc: 14.06 ng/ml



#4 AR-1016-2

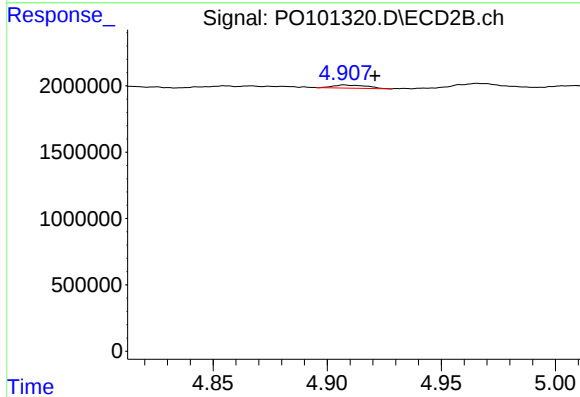
R.T.: 4.729 min
Delta R.T.: -0.014 min
Response: 1171163
Conc: 11.88 ng/ml



#5 AR-1016-3

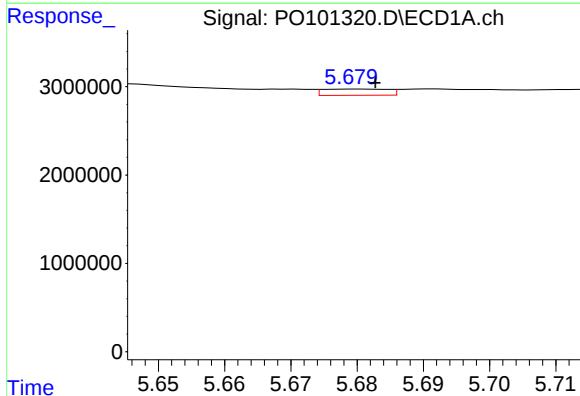
R.T.: 5.578 min
Delta R.T.: -0.007 min
Response: 2778293
Conc: 30.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



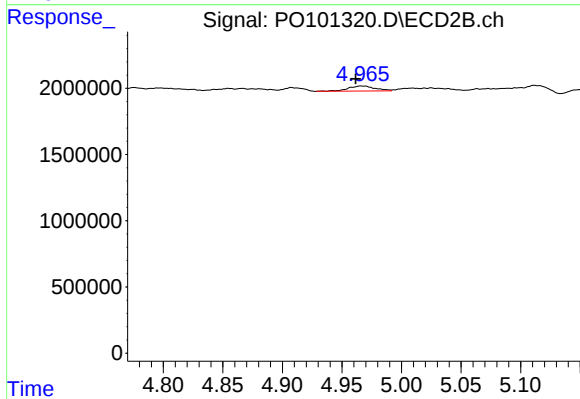
#5 AR-1016-3

R.T.: 4.908 min
Delta R.T.: -0.013 min
Response: 239700
Conc: 4.37 ng/ml



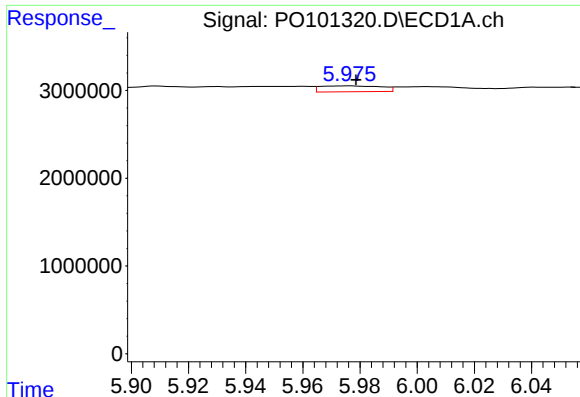
#6 AR-1016-4

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 480340
Conc: 6.72 ng/ml



#6 AR-1016-4

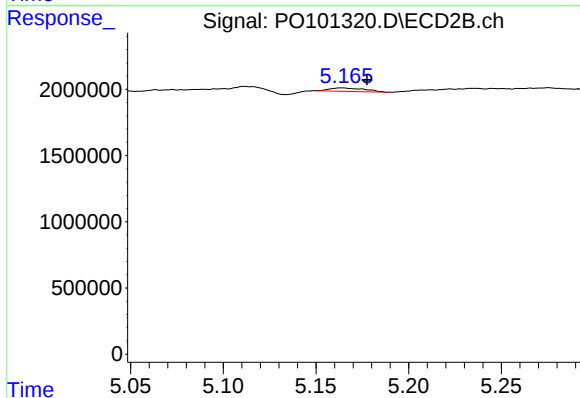
R.T.: 4.966 min
Delta R.T.: 0.005 min
Response: 618127
Conc: 12.16 ng/ml



#7 AR-1016-5

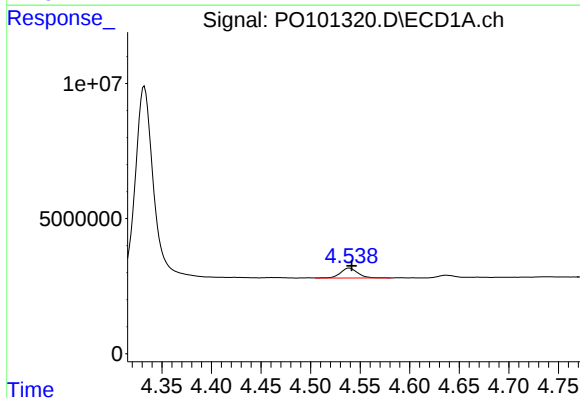
R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 1005087
Conc: 12.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



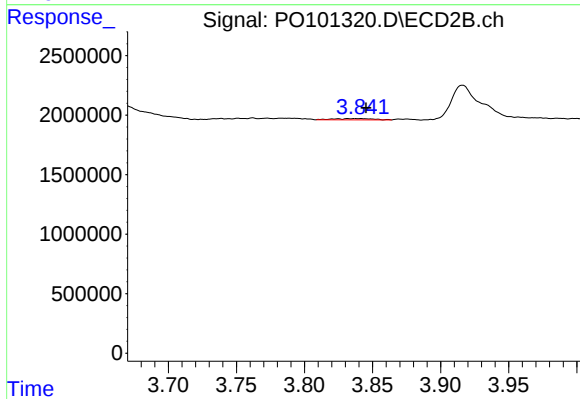
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.014 min
Response: 333552
Conc: 5.11 ng/ml



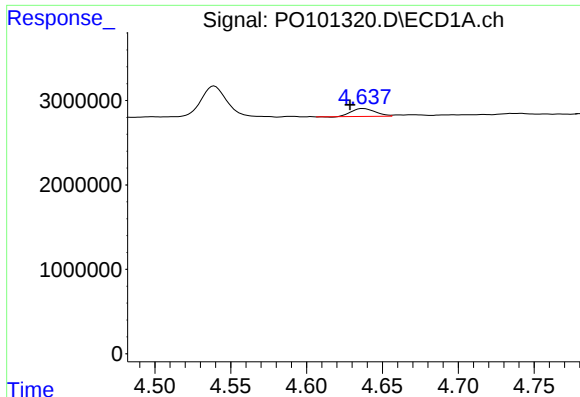
#8 AR-1221-1

R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 4470541
Conc: 106.77 ng/ml



#8 AR-1221-1

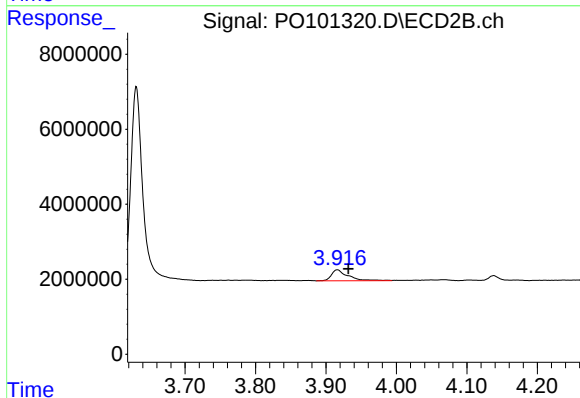
R.T.: 3.838 min
Delta R.T.: -0.007 min
Response: 226433
Conc: 7.91 ng/ml



#9 AR-1221-2

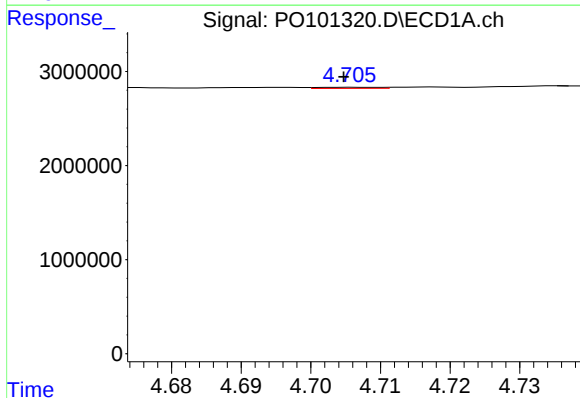
R.T.: 4.637 min
Delta R.T.: 0.009 min
Response: 1026871
Conc: 32.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



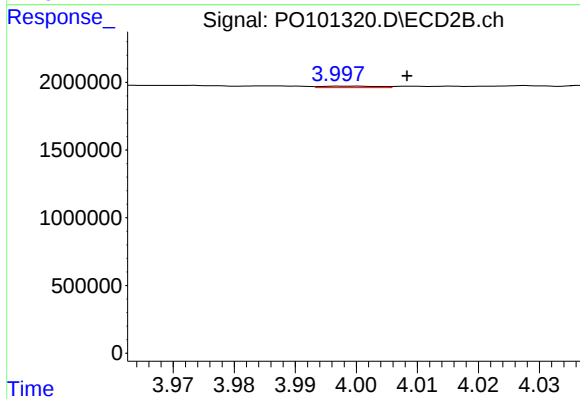
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.016 min
Response: 4827101
Conc: 215.83 ng/ml



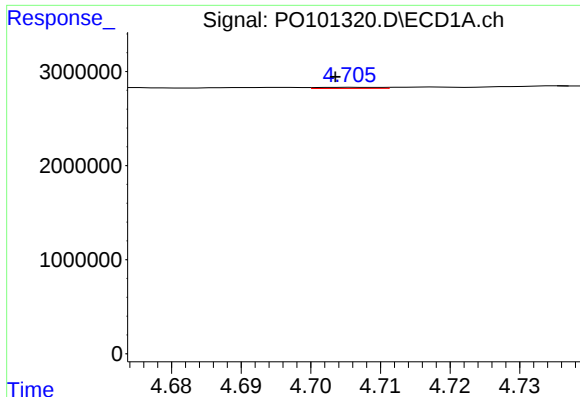
#10 AR-1221-3

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 69516
Conc: 0.79 ng/ml



#10 AR-1221-3

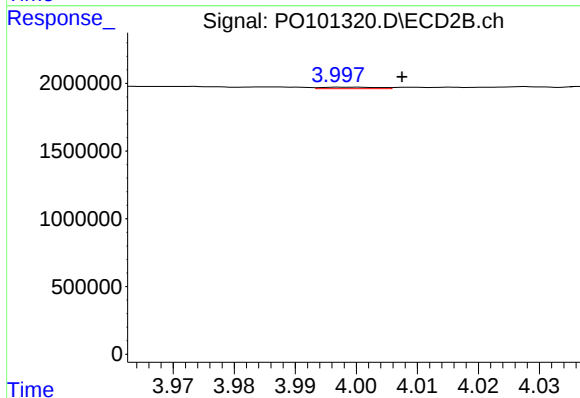
R.T.: 3.999 min
Delta R.T.: -0.009 min
Response: 71772
Conc: 1.13 ng/ml



#11 AR-1232-1

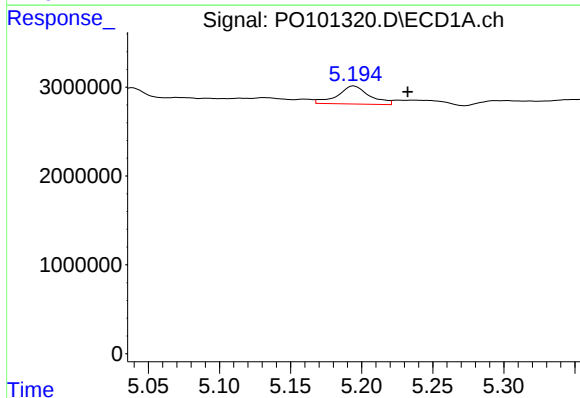
R.T.: 4.706 min
Delta R.T.: 0.002 min
Response: 69516
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



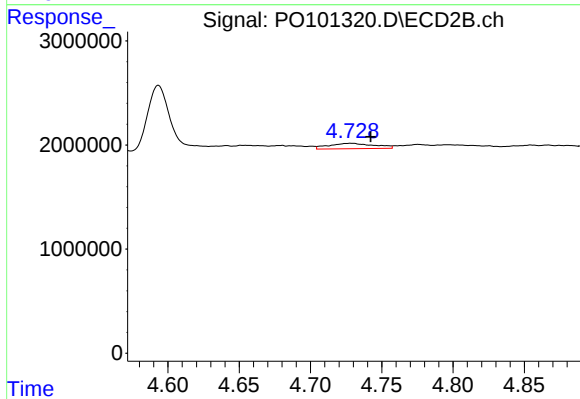
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.009 min
Response: 71772
Conc: 1.32 ng/ml



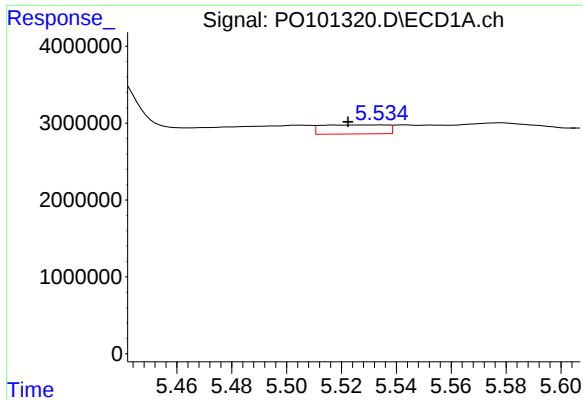
#12 AR-1232-2

R.T.: 5.194 min
Delta R.T.: -0.038 min
Response: 3176981
Conc: 69.91 ng/ml



#12 AR-1232-2

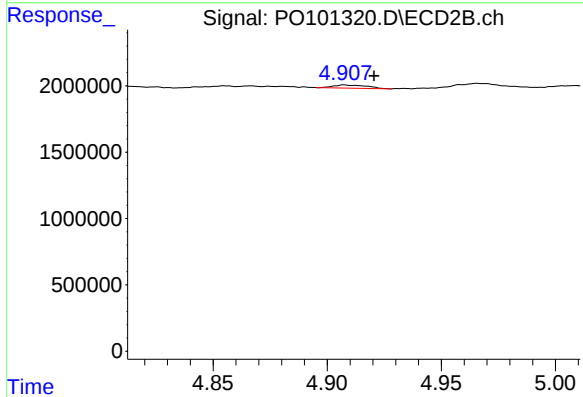
R.T.: 4.729 min
Delta R.T.: -0.013 min
Response: 1171163
Conc: 24.36 ng/ml



#13 AR-1232-3

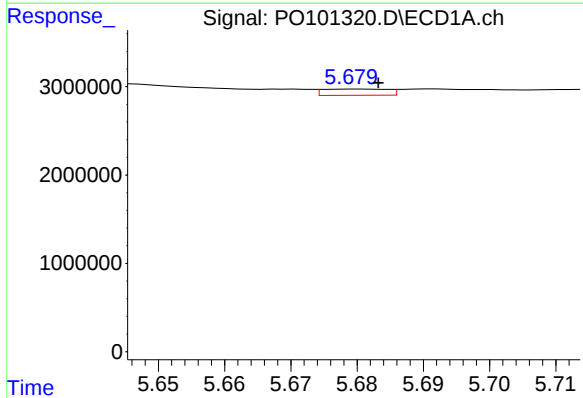
R.T.: 5.535 min
Delta R.T.: 0.012 min
Response: 1934296
Conc: 28.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



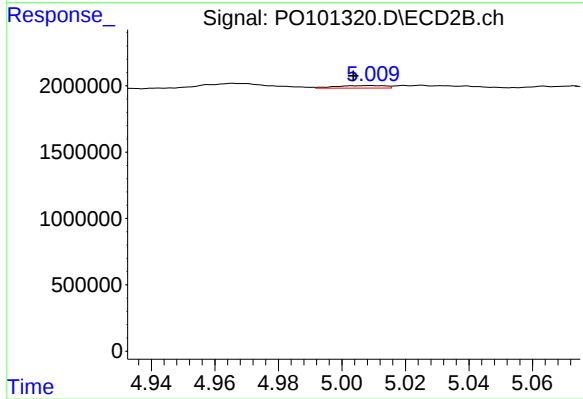
#13 AR-1232-3

R.T.: 4.908 min
Delta R.T.: -0.013 min
Response: 239700
Conc: 9.14 ng/ml



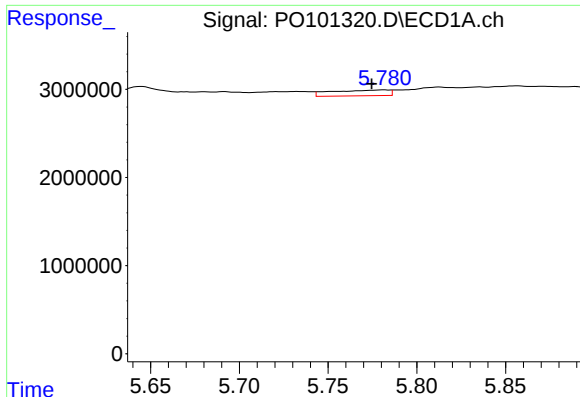
#14 AR-1232-4

R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 480340
Conc: 13.42 ng/ml



#14 AR-1232-4

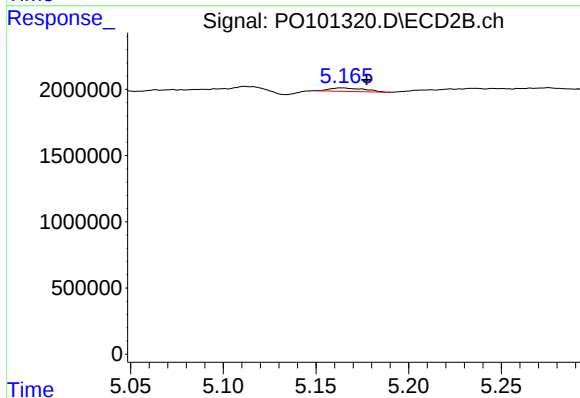
R.T.: 5.009 min
Delta R.T.: 0.005 min
Response: 212956
Conc: 7.65 ng/ml



#15 AR-1232-5

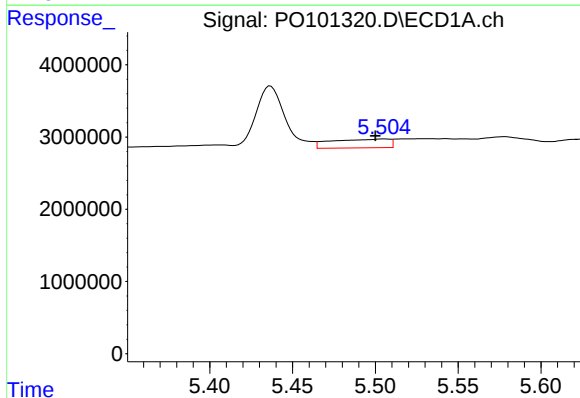
R.T.: 5.781 min
Delta R.T.: 0.007 min
Response: 1458476
Conc: 42.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



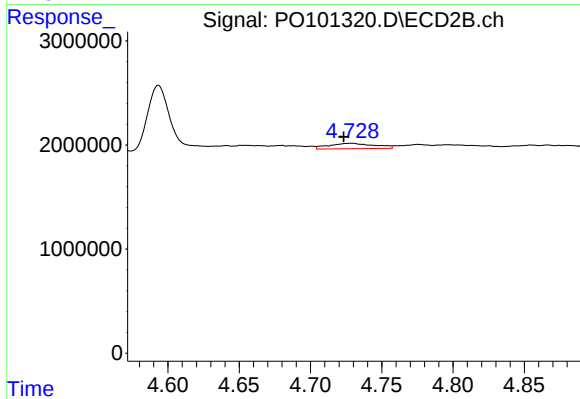
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.014 min
Response: 333552
Conc: 10.91 ng/ml



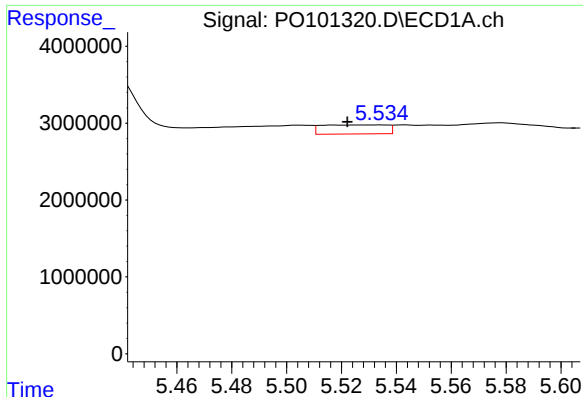
#16 AR-1242-1

R.T.: 5.505 min
Delta R.T.: 0.005 min
Response: 2963603
Conc: 38.30 ng/ml



#16 AR-1242-1

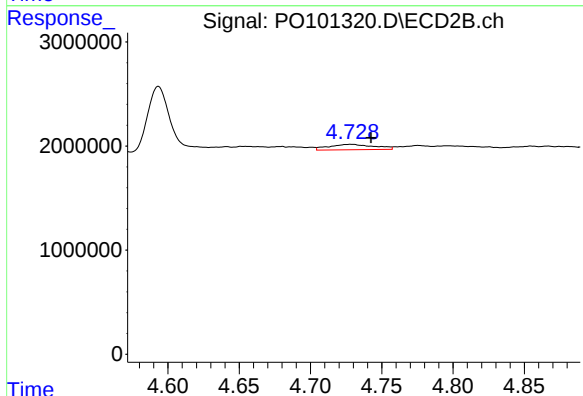
R.T.: 4.729 min
Delta R.T.: 0.005 min
Response: 1171163
Conc: 19.91 ng/ml



#17 AR-1242-2

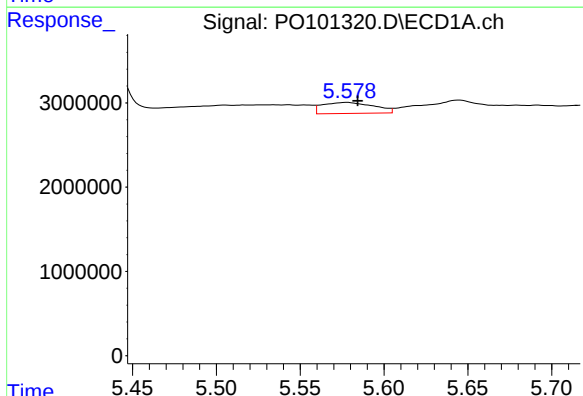
R.T.: 5.535 min
Delta R.T.: 0.012 min
Response: 1934296
Conc: 17.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



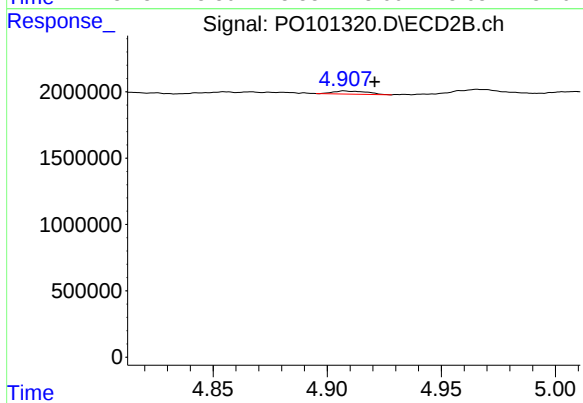
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: -0.014 min
Response: 1171163
Conc: 15.10 ng/ml



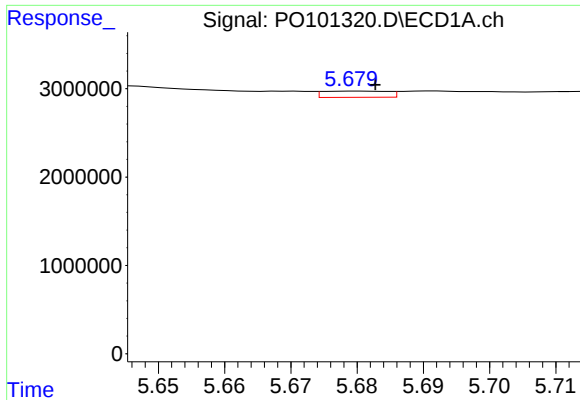
#18 AR-1242-3

R.T.: 5.578 min
Delta R.T.: -0.006 min
Response: 2778293
Conc: 39.09 ng/ml



#18 AR-1242-3

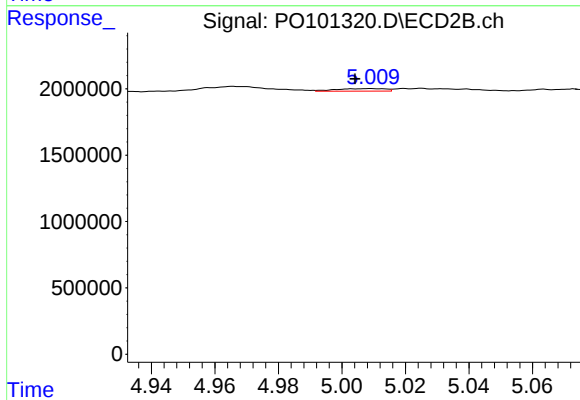
R.T.: 4.908 min
Delta R.T.: -0.013 min
Response: 239700
Conc: 5.53 ng/ml



#19 AR-1242-4

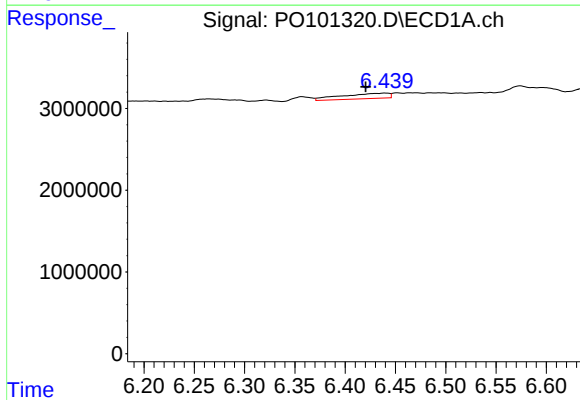
R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 480340
Conc: 8.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



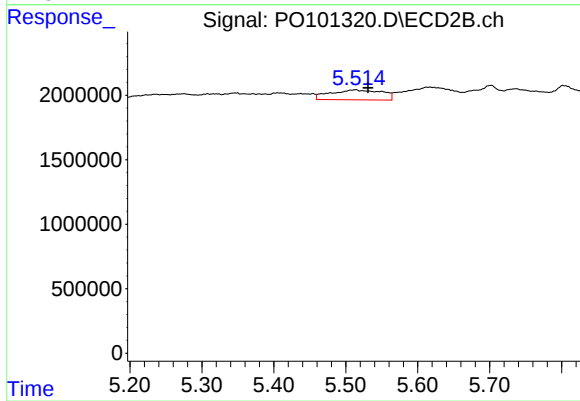
#19 AR-1242-4

R.T.: 5.009 min
Delta R.T.: 0.005 min
Response: 212956
Conc: 4.28 ng/ml



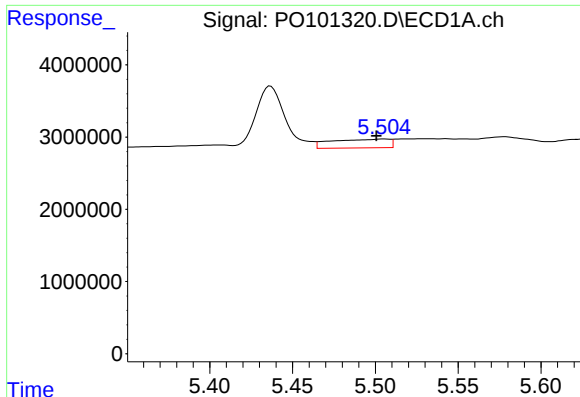
#20 AR-1242-5

R.T.: 6.440 min
Delta R.T.: 0.019 min
Response: 2136057
Conc: 39.80 ng/ml



#20 AR-1242-5

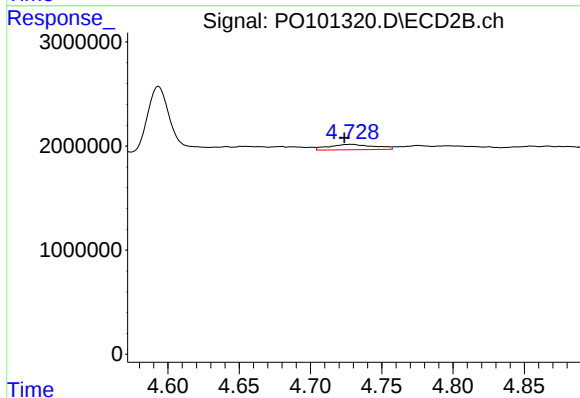
R.T.: 5.514 min
Delta R.T.: -0.018 min
Response: 3847459
Conc: 72.63 ng/ml



#21 AR-1248-1

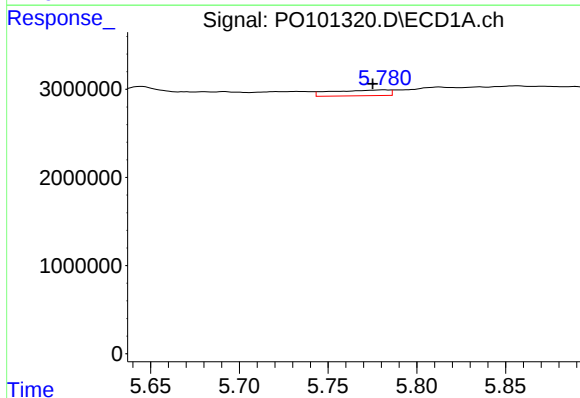
R.T.: 5.505 min
Delta R.T.: 0.004 min
Response: 2963603
Conc: 51.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



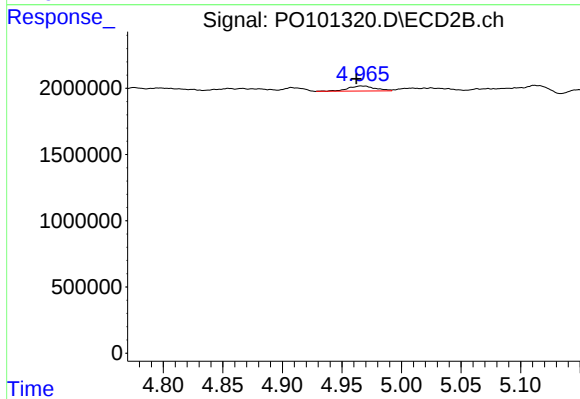
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.005 min
Response: 1171163
Conc: 26.17 ng/ml



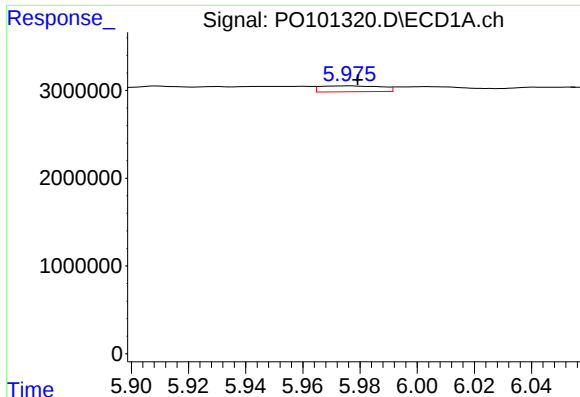
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: 0.006 min
Response: 1458476
Conc: 14.48 ng/ml



#22 AR-1248-2

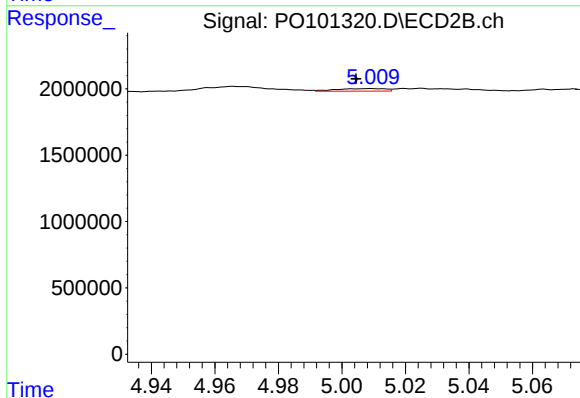
R.T.: 4.966 min
Delta R.T.: 0.004 min
Response: 618127
Conc: 8.79 ng/ml



#23 AR-1248-3

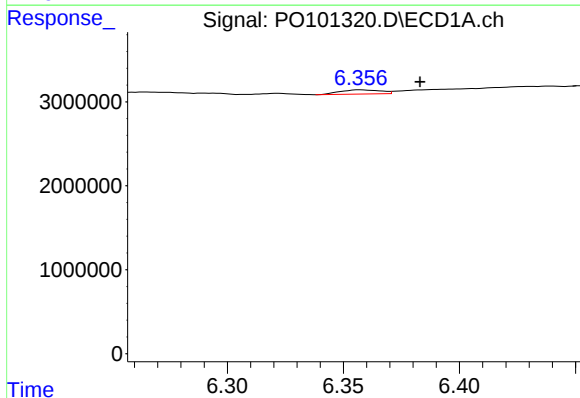
R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 1005087
Conc: 9.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



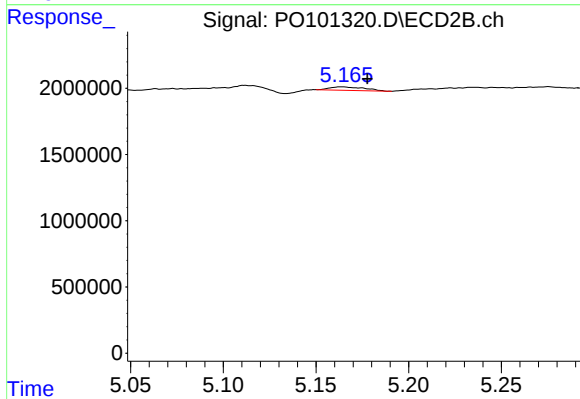
#23 AR-1248-3

R.T.: 5.009 min
Delta R.T.: 0.005 min
Response: 212956
Conc: 2.93 ng/ml



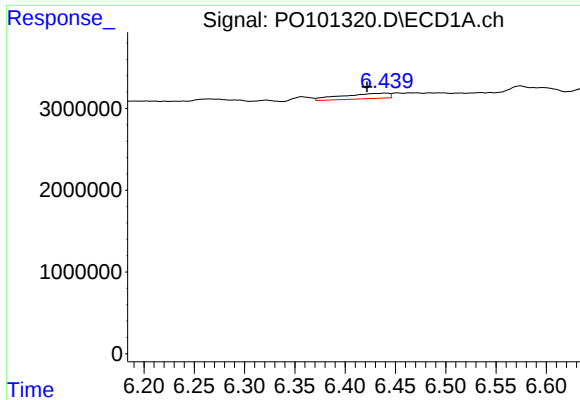
#24 AR-1248-4

R.T.: 6.357 min
Delta R.T.: -0.026 min
Response: 609039
Conc: 6.71 ng/ml



#24 AR-1248-4

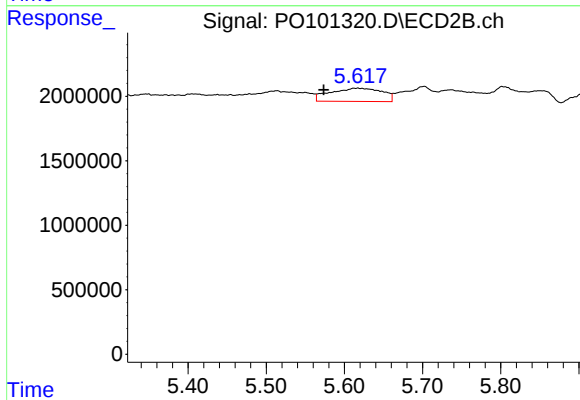
R.T.: 5.164 min
Delta R.T.: -0.014 min
Response: 333552
Conc: 3.92 ng/ml



#25 AR-1248-5

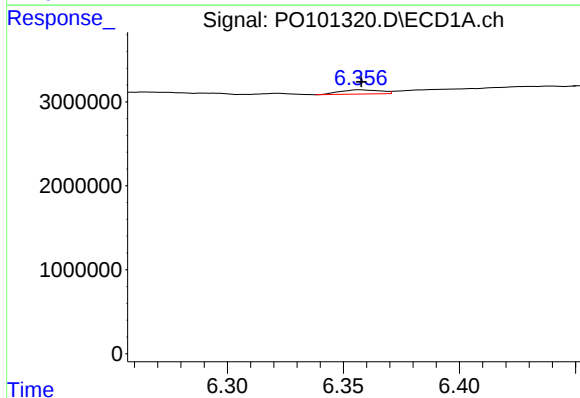
R.T.: 6.440 min
Delta R.T.: 0.018 min
Response: 2136057
Conc: 23.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



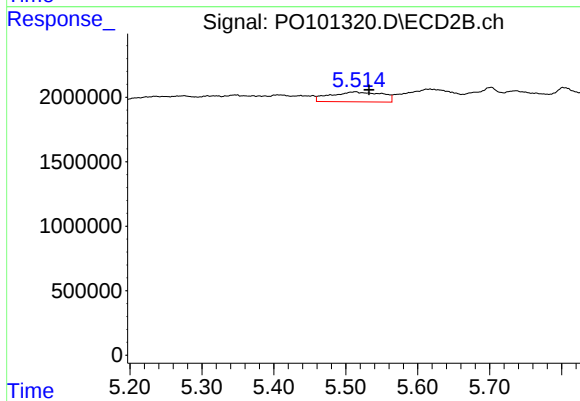
#25 AR-1248-5

R.T.: 5.617 min
Delta R.T.: 0.044 min
Response: 4724522
Conc: 69.00 ng/ml



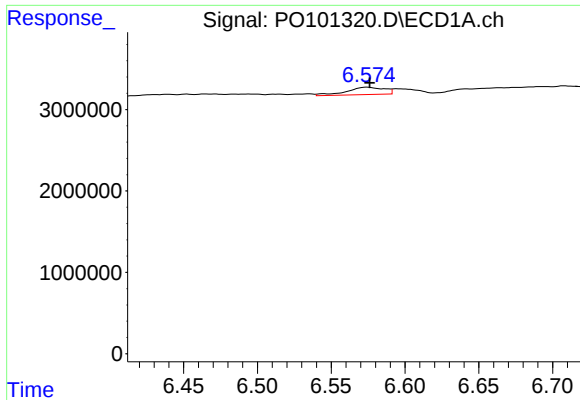
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 609039
Conc: 5.12 ng/ml



#26 AR-1254-1

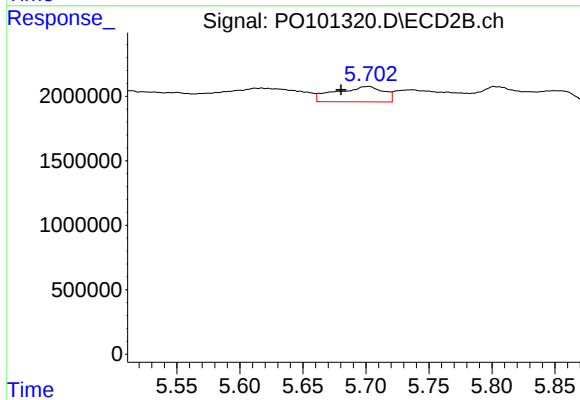
R.T.: 5.514 min
Delta R.T.: -0.019 min
Response: 3847459
Conc: 30.93 ng/ml



#27 AR-1254-2

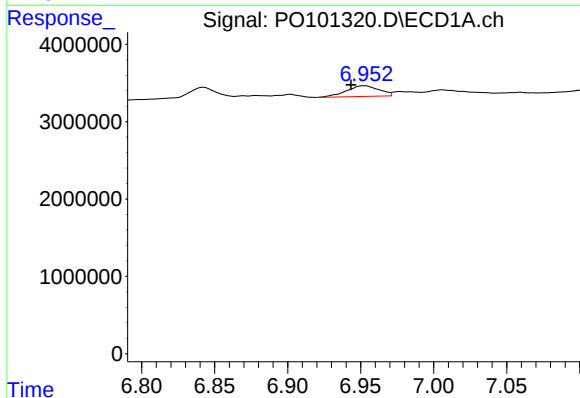
R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 1617586
Conc: 9.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



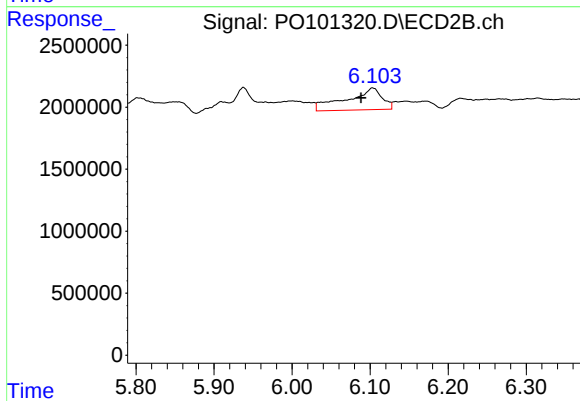
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.022 min
Response: 3166948
Conc: 28.29 ng/ml



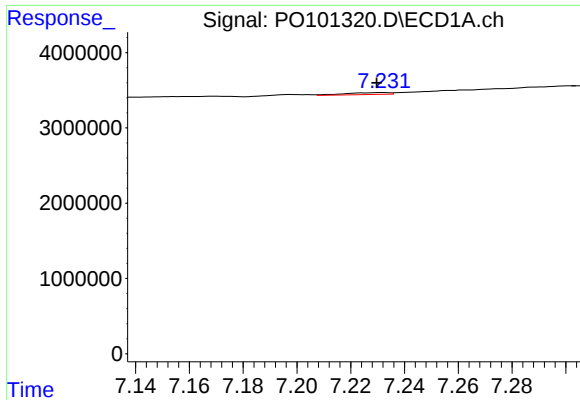
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: 0.009 min
Response: 2149317
Conc: 13.09 ng/ml



#28 AR-1254-3

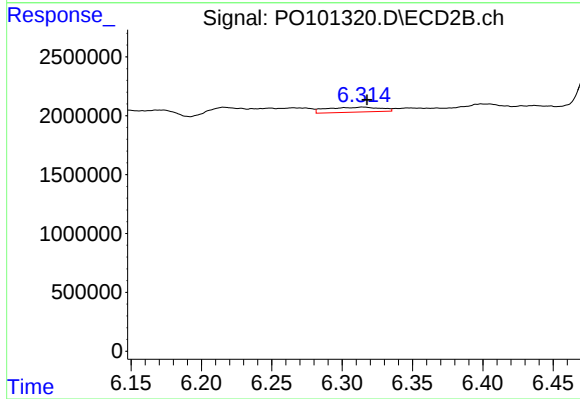
R.T.: 6.103 min
Delta R.T.: 0.015 min
Response: 5570888
Conc: 33.48 ng/ml



#29 AR-1254-4

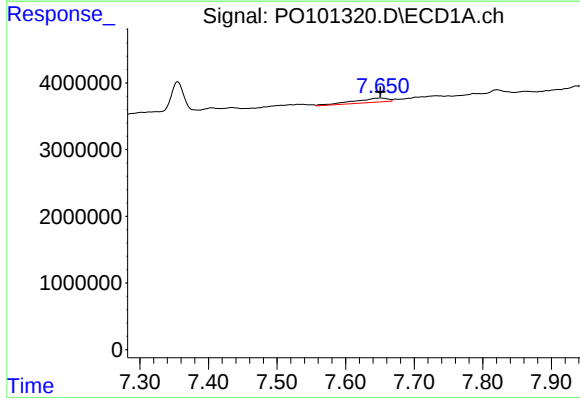
R.T.: 7.232 min
Delta R.T.: 0.002 min
Response: 295244
Conc: 2.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



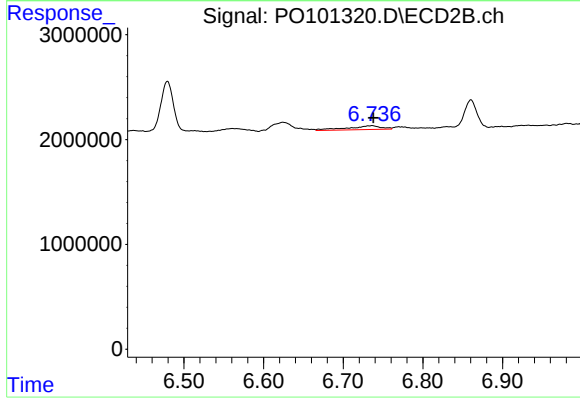
#29 AR-1254-4

R.T.: 6.315 min
Delta R.T.: -0.003 min
Response: 1125619
Conc: 13.20 ng/ml



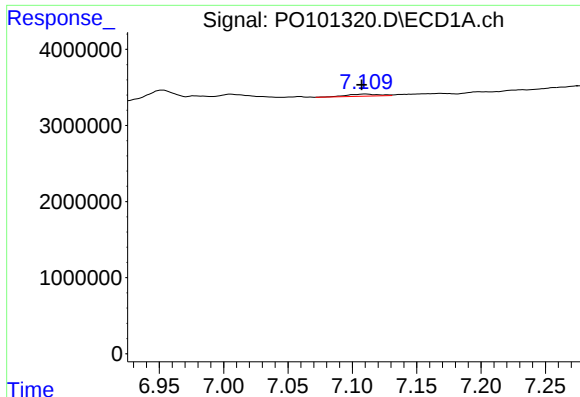
#30 AR-1254-5

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 2104123
Conc: 17.90 ng/ml



#30 AR-1254-5

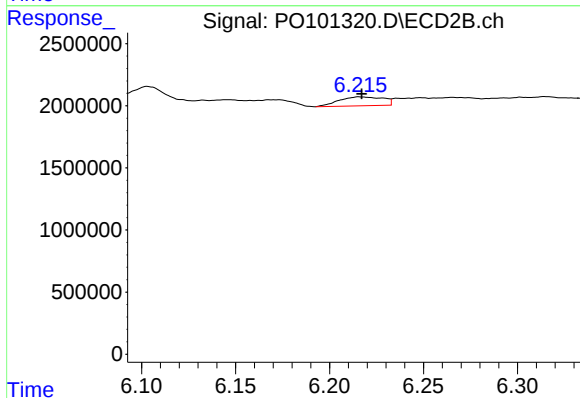
R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 1065166
Conc: 7.86 ng/ml



#31 AR-1260-1

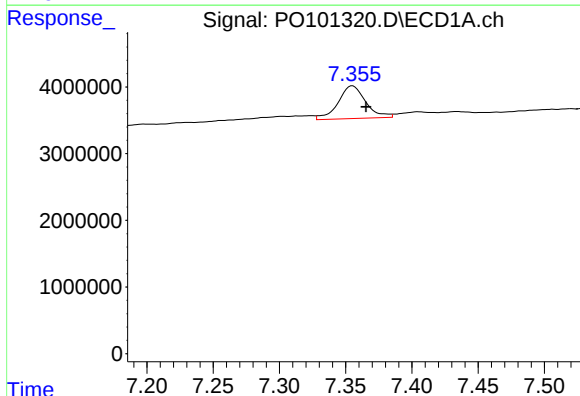
R.T.: 7.110 min
Delta R.T.: 0.003 min
Response: 451837
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



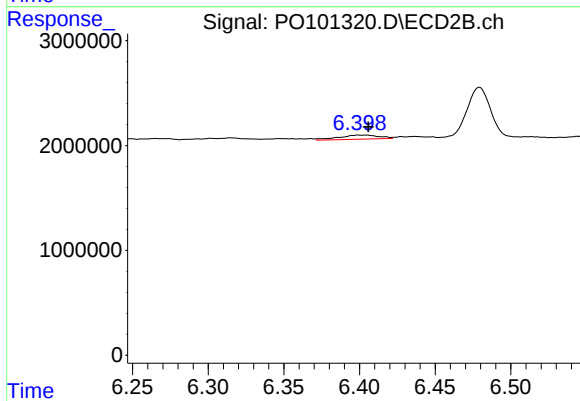
#31 AR-1260-1

R.T.: 6.216 min
Delta R.T.: -0.001 min
Response: 1170529
Conc: 9.49 ng/ml



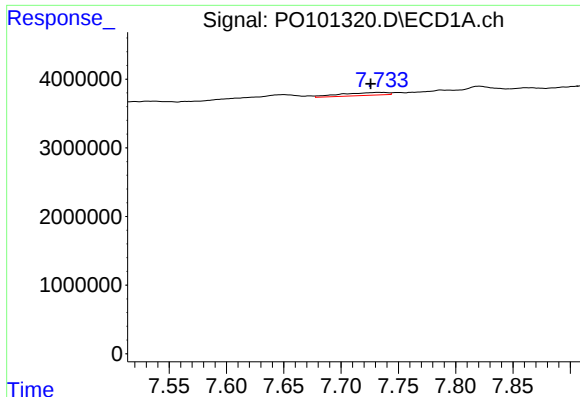
#32 AR-1260-2

R.T.: 7.355 min
Delta R.T.: -0.010 min
Response: 7103705
Conc: 48.49 ng/ml



#32 AR-1260-2

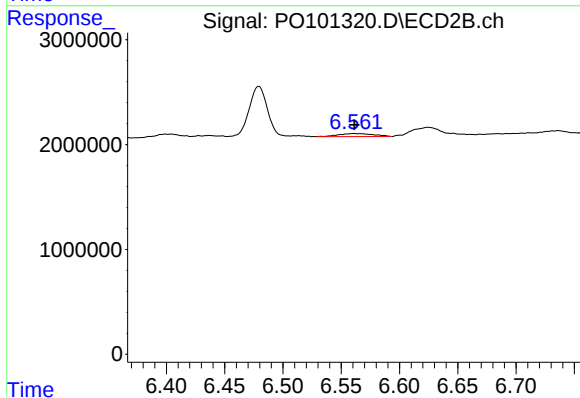
R.T.: 6.399 min
Delta R.T.: -0.006 min
Response: 741529
Conc: 5.42 ng/ml



#33 AR-1260-3

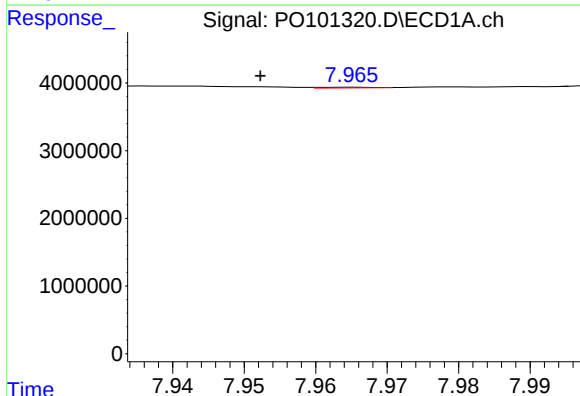
R.T.: 7.733 min
Delta R.T.: 0.007 min
Response: 1225612
Conc: 10.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



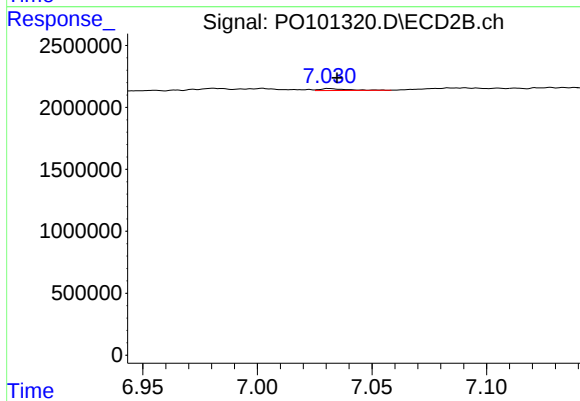
#33 AR-1260-3

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 610312
Conc: 4.76 ng/ml



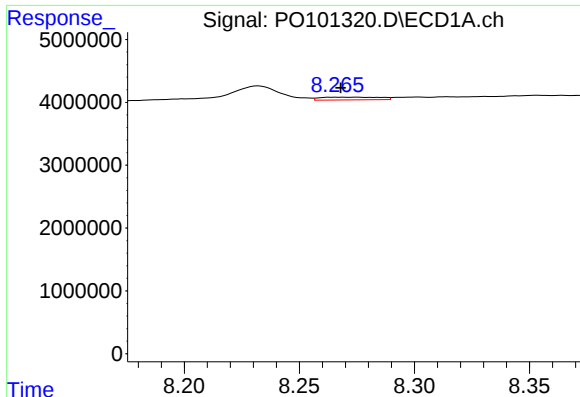
#34 AR-1260-4

R.T.: 7.965 min
Delta R.T.: 0.013 min
Response: 60585
Conc: 0.51 ng/ml



#34 AR-1260-4

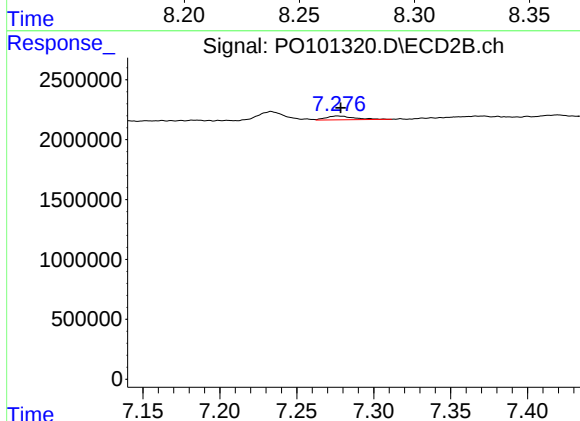
R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 126666
Conc: 1.23 ng/ml



#35 AR-1260-5

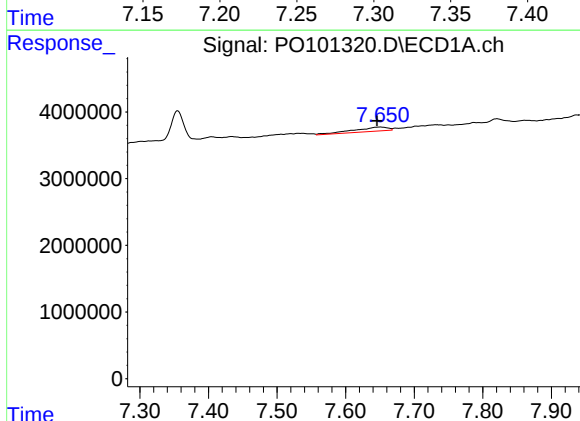
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 775315
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



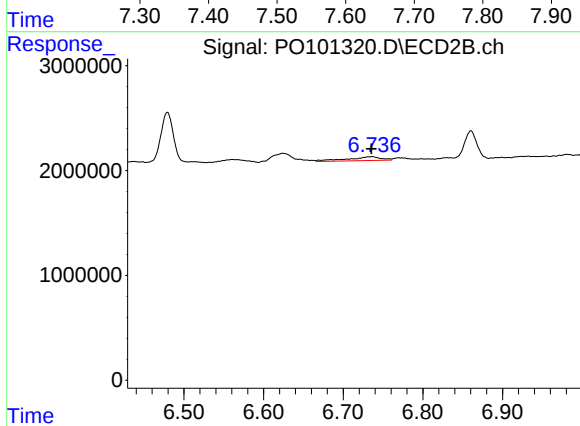
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: -0.002 min
Response: 417101
Conc: 1.99 ng/ml



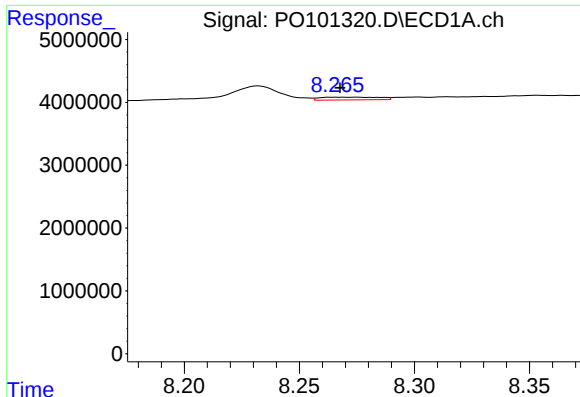
#36 AR-1262-1

R.T.: 7.651 min
Delta R.T.: 0.005 min
Response: 2104123
Conc: 18.83 ng/ml



#36 AR-1262-1

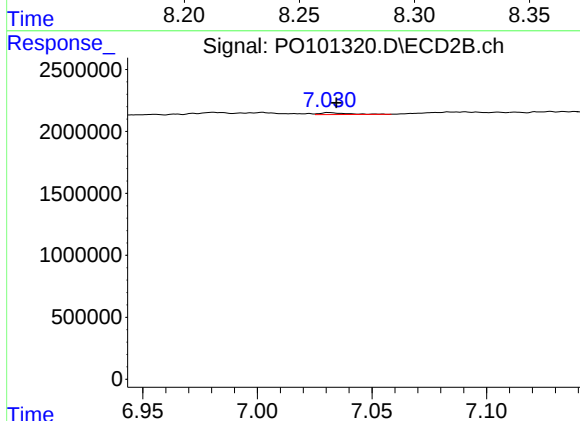
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 1065166
Conc: 13.14 ng/ml



#37 AR-1262-2

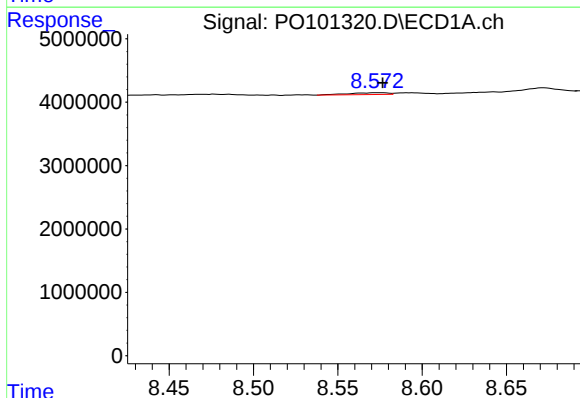
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 775315
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



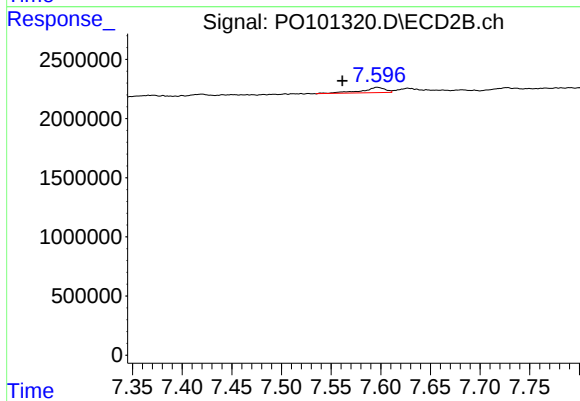
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 126666
Conc: 0.85 ng/ml



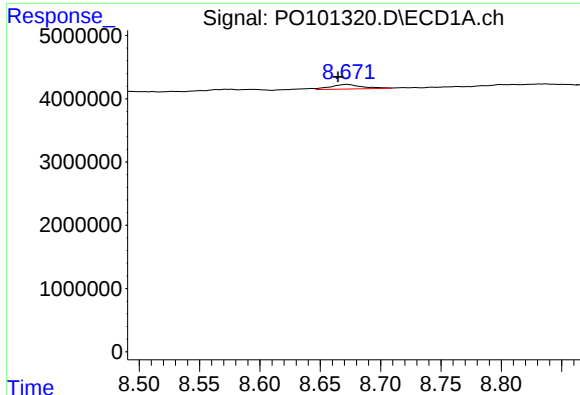
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 441755
Conc: 2.27 ng/ml



#38 AR-1262-3

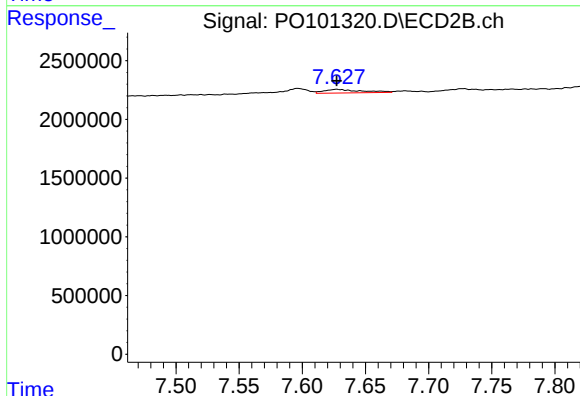
R.T.: 7.597 min
Delta R.T.: 0.035 min
Response: 717841
Conc: 6.99 ng/ml



#39 AR-1262-4

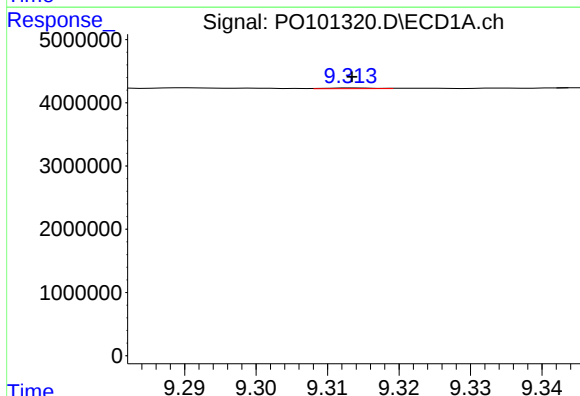
R.T.: 8.672 min
Delta R.T.: 0.007 min
Response: 1327252
Conc: 8.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



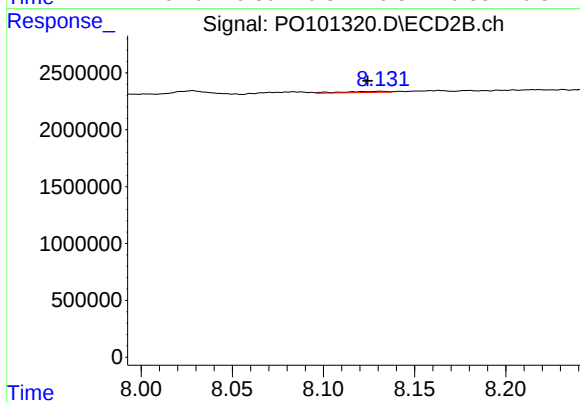
#39 AR-1262-4

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 646026
Conc: 3.31 ng/ml



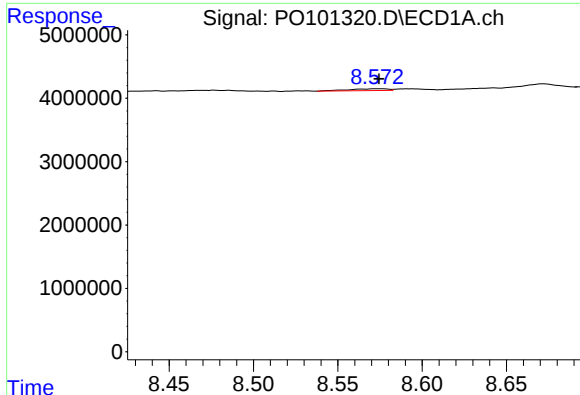
#40 AR-1262-5

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 45079
Conc: 0.48 ng/ml



#40 AR-1262-5

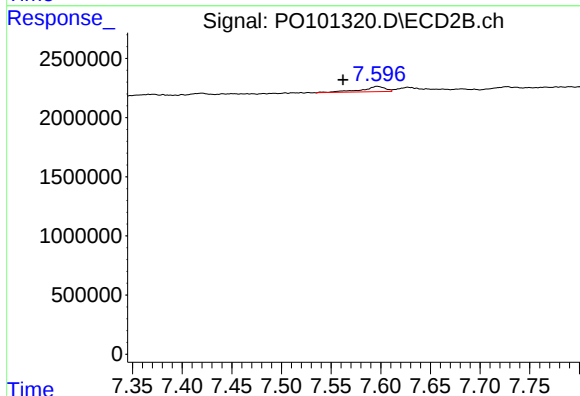
R.T.: 8.132 min
Delta R.T.: 0.007 min
Response: 185180
Conc: 2.21 ng/ml



#41 AR-1268-1

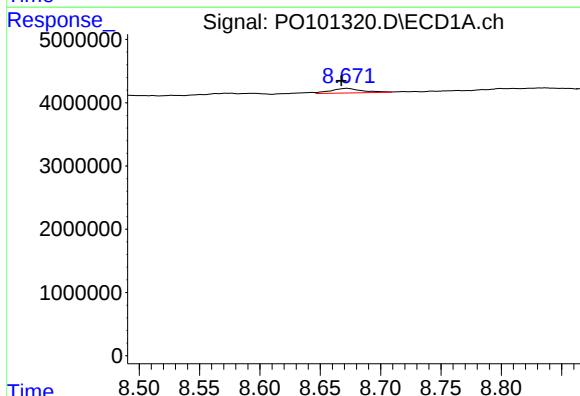
R.T.: 8.573 min
Delta R.T.: -0.002 min
Response: 441755
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



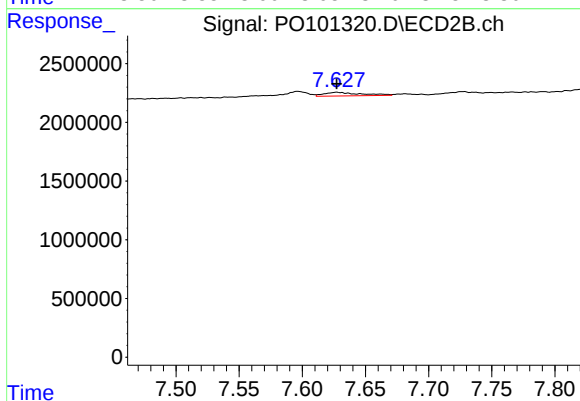
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.034 min
Response: 717841
Conc: 2.57 ng/ml



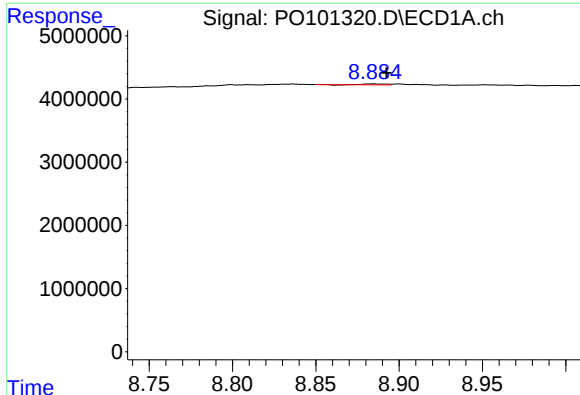
#42 AR-1268-2

R.T.: 8.672 min
Delta R.T.: 0.004 min
Response: 1327252
Conc: 4.60 ng/ml



#42 AR-1268-2

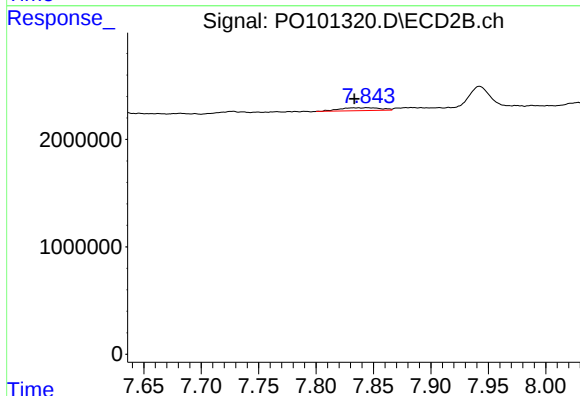
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 646026
Conc: 2.53 ng/ml



#43 AR-1268-3

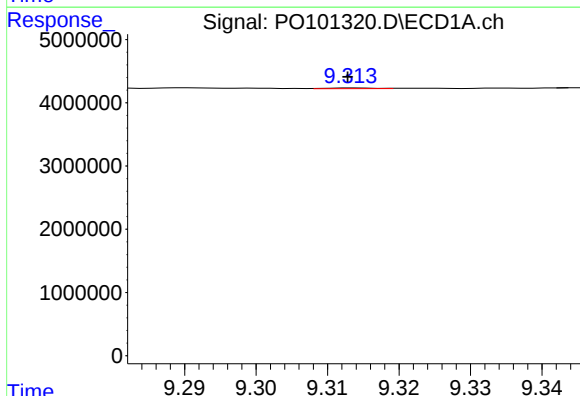
R.T.: 8.884 min
Delta R.T.: -0.008 min
Response: 127069
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



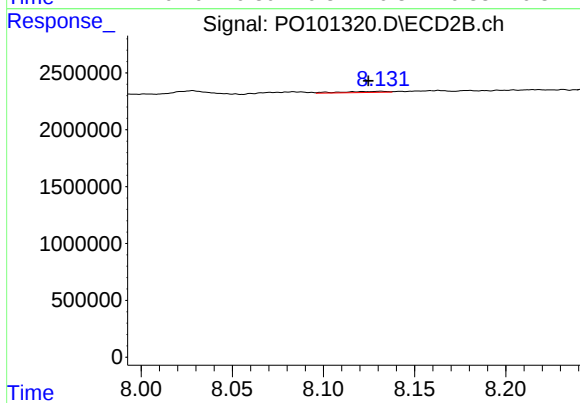
#43 AR-1268-3

R.T.: 7.844 min
Delta R.T.: 0.011 min
Response: 663062
Conc: 2.85 ng/ml



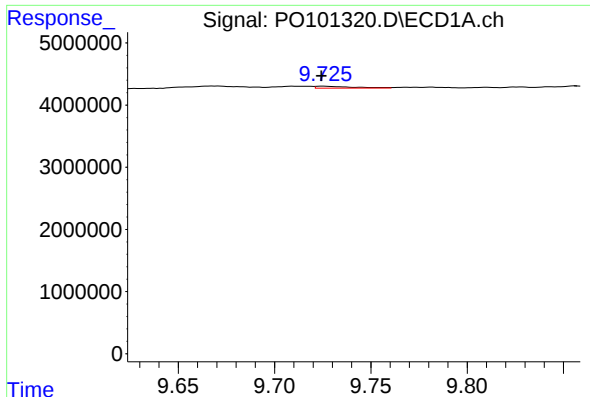
#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 45079
Conc: 0.49 ng/ml



#44 AR-1268-4

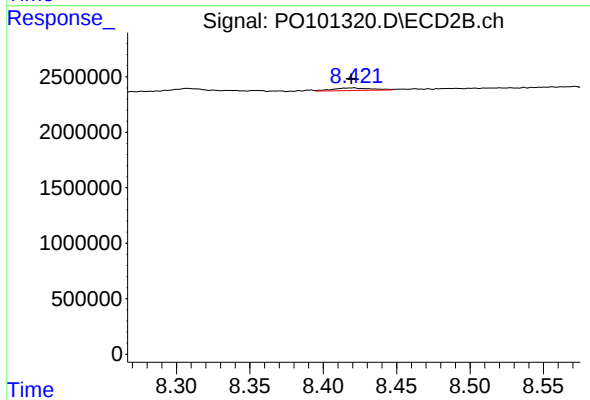
R.T.: 8.132 min
Delta R.T.: 0.007 min
Response: 185180
Conc: 2.18 ng/ml



#45 AR-1268-5

R.T.: 9.725 min
Delta R.T.: 0.001 min
Response: 388321
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
MH-A



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.001 min
Response: 421045
Conc: 0.64 ng/ml