

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072523\
 Data File : P0096328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 11:44
 Operator : YP/AJ
 Sample : 03710-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 19:28:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 12:20:47 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...	4.410	3.626	65515439	26684889	20.809	20.332
2)	SA Decachlor...	10.233	8.654	45305296	25656970	23.024	23.550
Target Compounds							
3)	L1 AR-1016-1	5.590	0.000	16023	0	0.193	N.D. #
4)	L1 AR-1016-2	5.622	0.000	76005	0	0.648	N.D. #
5)	L1 AR-1016-3	5.692	0.000	181257	0	2.420	N.D. #
6)	L1 AR-1016-4	5.788	0.000	10012	0	0.166	N.D. #
7)	L1 AR-1016-5	6.106	5.154	153076	344762	2.378	10.092 #
8)	L2 AR-1221-1	4.619	3.872	3102133	326170	84.193	18.954 #
9)	L2 AR-1221-2	4.696	3.909	73250	3164964	2.634	245.505 #
10)	L2 AR-1221-3	4.781	4.010	21050	397458	0.261	10.370 #
11)	L3 AR-1232-1	4.781	4.010	21050	397458	0.324	12.765 #
12)	L3 AR-1232-2	5.339	0.000	135743	0	3.659	N.D. #
13)	L3 AR-1232-3	5.622	0.000	76005	0	1.412	N.D. #
14)	L3 AR-1232-4	5.788	0.000	10012	0	0.364	N.D. #
15)	L3 AR-1232-5	5.896	5.154	356407	344762	14.098	20.581 #
16)	L4 AR-1242-1	5.590	0.000	16023	0	0.213	N.D. #
17)	L4 AR-1242-2	5.622	0.000	76005	0	0.717	N.D. #
18)	L4 AR-1242-3	5.692	0.000	181257	0	2.727	N.D. #
19)	L4 AR-1242-4	5.788	0.000	10012	0	0.184	N.D. #
20)	L4 AR-1242-5	6.548	5.513	1029364	279047	17.973	8.133 #
21)	L5 AR-1248-1	5.590	0.000	16023	0	0.299	N.D. #
22)	L5 AR-1248-2	5.896	0.000	356407	0	4.050	N.D. #
23)	L5 AR-1248-3	6.106	0.000	153076	0	1.656	N.D. #
24)	L5 AR-1248-4	6.456	5.154	53639	344762	0.624	7.244 #
25)	L5 AR-1248-5	6.548	5.611f	1029364	1289004	11.381	29.394 #
26)	L6 AR-1254-1	6.456	5.513	53639	279047	0.537	4.055 #
27)	L6 AR-1254-2	6.671	5.698	115482	681654	0.798	11.226 #
28)	L6 AR-1254-3	7.041	0.000	988084	0	6.862	N.D. #
29)	L6 AR-1254-4	7.358	6.317	902354	306813	9.731	5.492 #
30)	L6 AR-1254-5	7.756	6.720	1371213	246307	13.340	3.093 #
31)	L7 AR-1260-1	7.210	6.248f	683466	447422	5.177	6.650 #
32)	L7 AR-1260-2	7.416f	6.376	745701	444459	6.069	5.742
33)	L7 AR-1260-3	7.756	6.552	1371213	395937	10.197	4.870 #
34)	L7 AR-1260-4	8.040	7.006	1516309	438958	14.328	7.322 #
35)	L7 AR-1260-5	8.371	7.294	76379	73852	0.392	0.565 #
36)	L8 AR-1262-1	7.845	6.809	1042958	103327	7.340	2.877 #
37)	L8 AR-1262-2	8.371	7.006	76379	438958	0.355	5.789 #
38)	L8 AR-1262-3	8.729	7.555	1062499	171229	6.792	2.938 #
39)	L8 AR-1262-4	8.792	7.601	808061	281904	6.532	2.696 #
40)	L8 AR-1262-5	9.464	8.077f	29620	84817	0.375	1.722 #
41)	L9 AR-1268-1	8.729	7.555	1062499	171229	3.620	0.992 #

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ALS Vial : 10 Sample Multiplier: 1

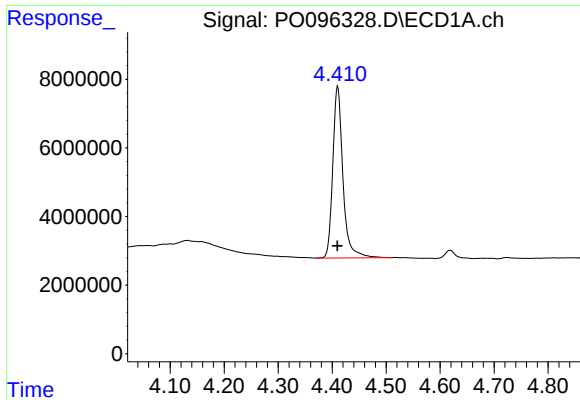
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 19:28:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072123.M
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QLast Update : Sat Jul 22 12:20:47 2023
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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	8.792	7.601	808061	281904	3.015	1.818 #
43)	L9 AR-1268-3	9.028	7.827	205231	164014	0.845	1.194 #
44)	L9 AR-1268-4	9.464	8.077f	29620	84817	0.338	1.526 #
45)	L9 AR-1268-5	9.883	8.400	58944	150223	0.079	0.385 #

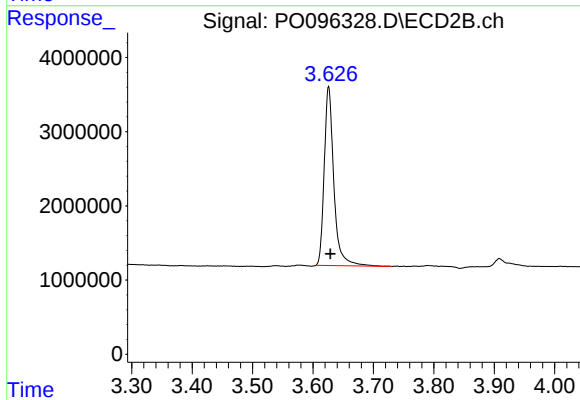
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

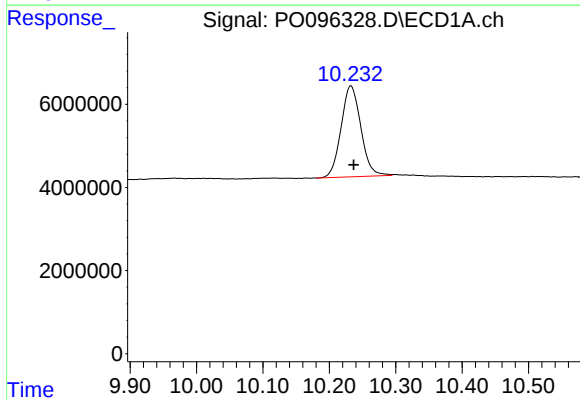
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 65515439
Conc: 20.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



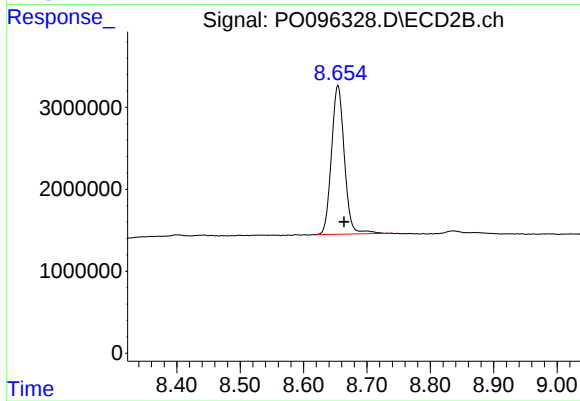
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.003 min
Response: 26684889
Conc: 20.33 ng/ml



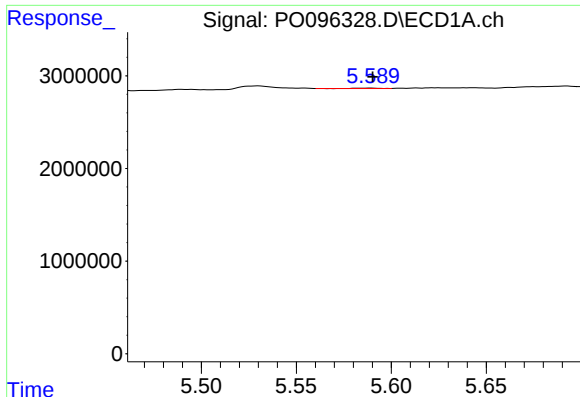
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.004 min
Response: 45305296
Conc: 23.02 ng/ml



#2 Decachlorobiphenyl

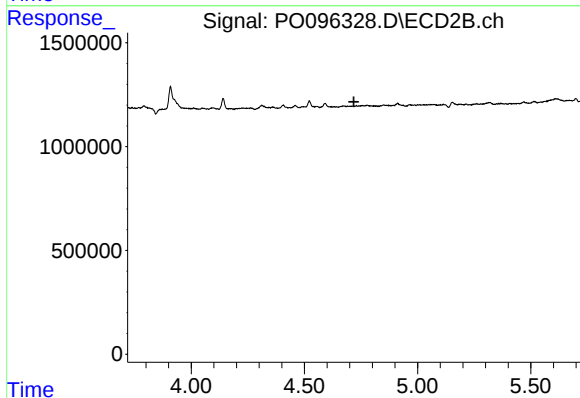
R.T.: 8.654 min
Delta R.T.: -0.009 min
Response: 25656970
Conc: 23.55 ng/ml



#3 AR-1016-1

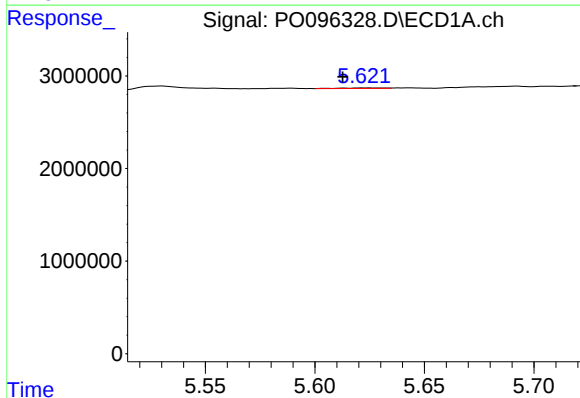
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 16023
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



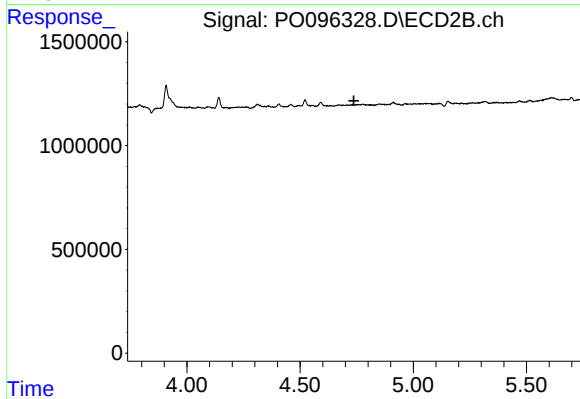
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



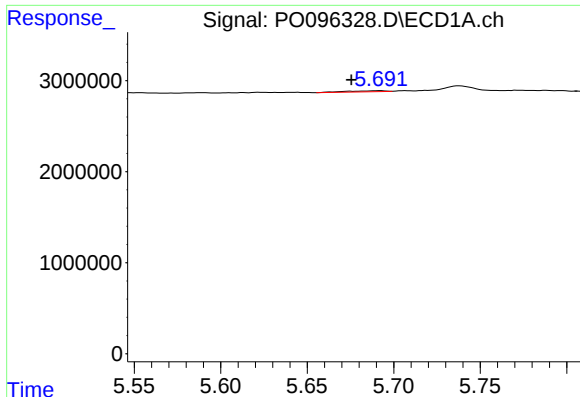
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.010 min
Response: 76005
Conc: 0.65 ng/ml



#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#5 AR-1016-3

R.T.: 5.692 min
Delta R.T.: 0.017 min
Response: 181257
Conc: 2.42 ng/ml

Instrument :
ECD_O
ClientSampleId :

#5 AR-1016-3

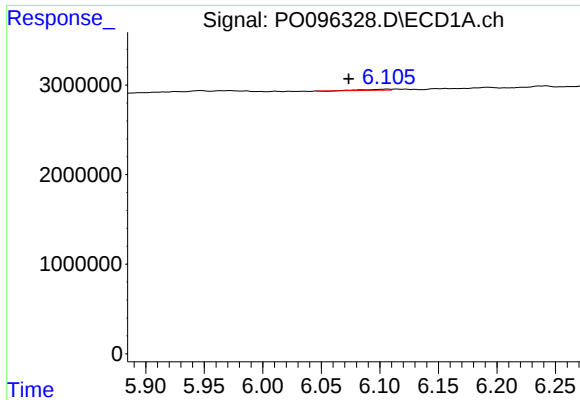
R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.

#6 AR-1016-4

R.T.: 5.788 min
Delta R.T.: 0.013 min
Response: 10012
Conc: 0.17 ng/ml

#6 AR-1016-4

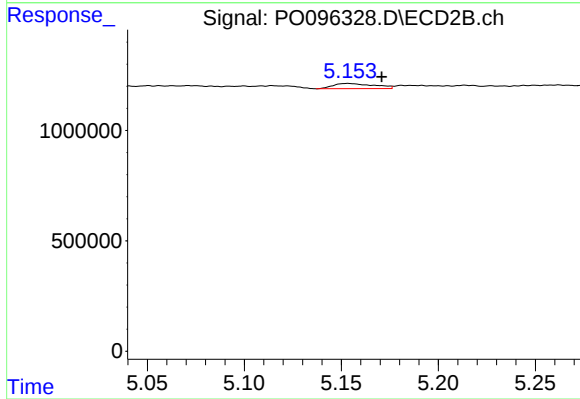
R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



#7 AR-1016-5

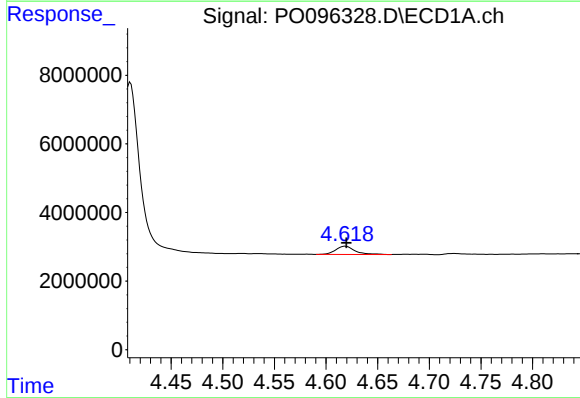
R.T.: 6.106 min
Delta R.T.: 0.033 min
Response: 153076
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



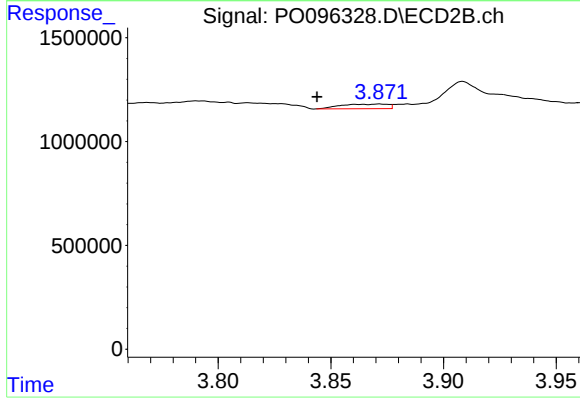
#7 AR-1016-5

R.T.: 5.154 min
Delta R.T.: -0.017 min
Response: 344762
Conc: 10.09 ng/ml



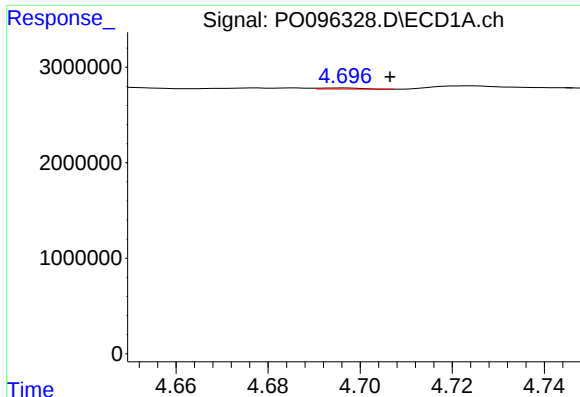
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: -0.001 min
Response: 3102133
Conc: 84.19 ng/ml



#8 AR-1221-1

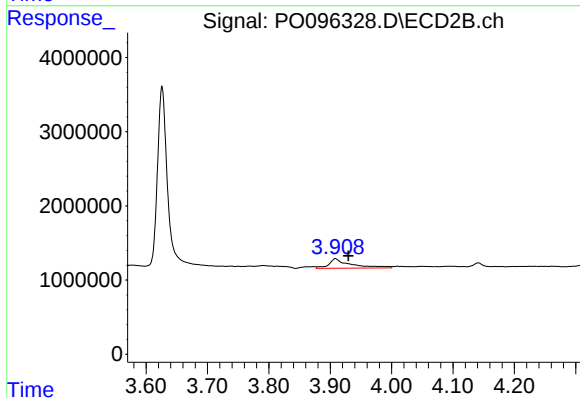
R.T.: 3.872 min
Delta R.T.: 0.028 min
Response: 326170
Conc: 18.95 ng/ml



#9 AR-1221-2

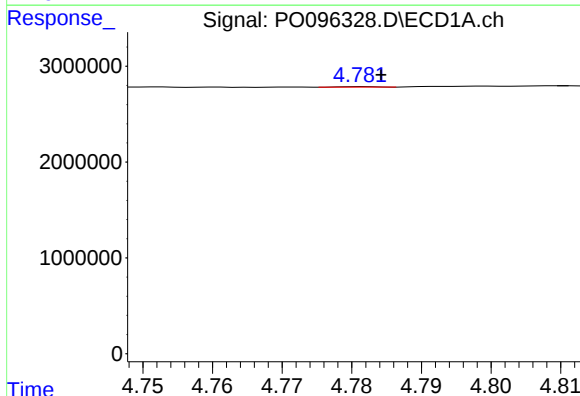
R.T.: 4.696 min
Delta R.T.: -0.010 min
Response: 73250
Conc: 2.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



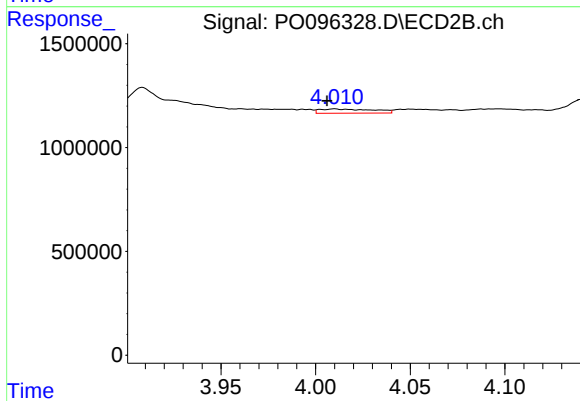
#9 AR-1221-2

R.T.: 3.909 min
Delta R.T.: -0.021 min
Response: 3164964
Conc: 245.50 ng/ml



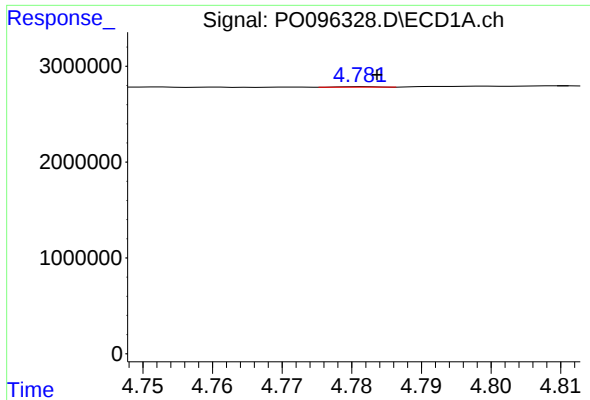
#10 AR-1221-3

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 21050
Conc: 0.26 ng/ml



#10 AR-1221-3

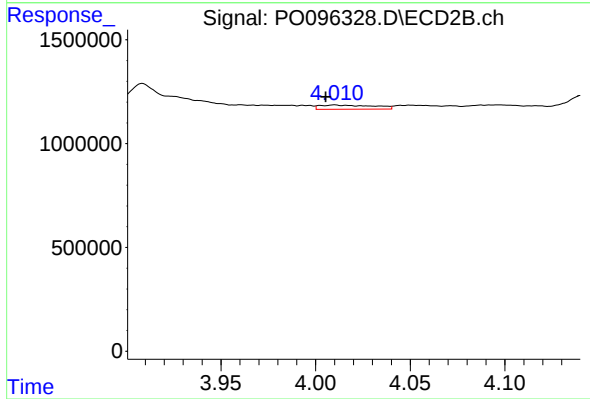
R.T.: 4.010 min
Delta R.T.: 0.004 min
Response: 397458
Conc: 10.37 ng/ml



#11 AR-1232-1

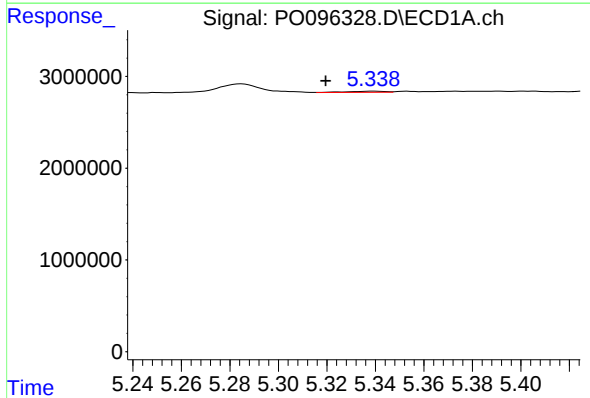
R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 21050
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



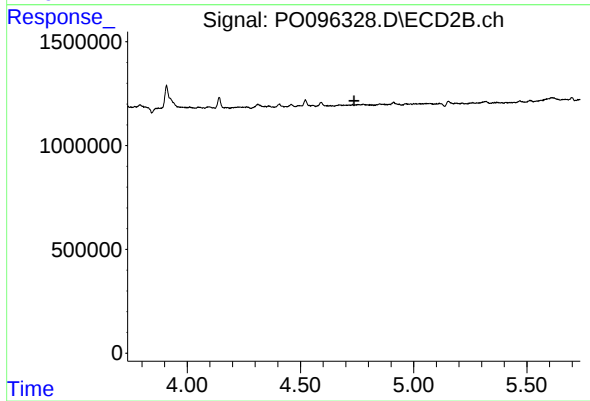
#11 AR-1232-1

R.T.: 4.010 min
Delta R.T.: 0.005 min
Response: 397458
Conc: 12.76 ng/ml



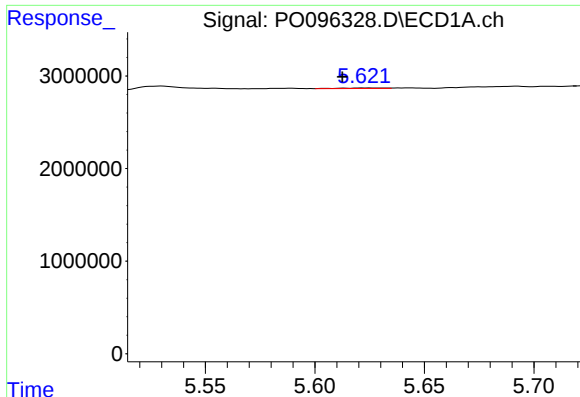
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.020 min
Response: 135743
Conc: 3.66 ng/ml



#12 AR-1232-2

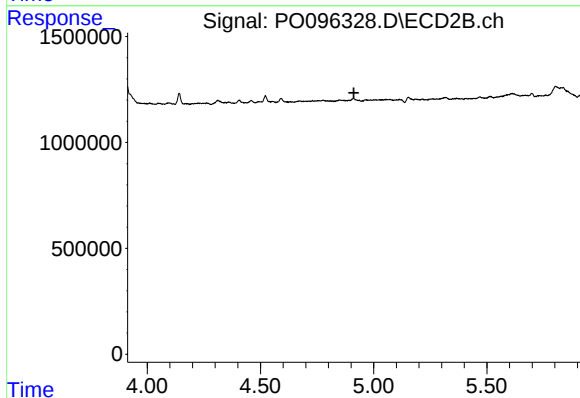
R.T.: 0.000 min
Exp R.T.: 4.736 min
Response: 0
Conc: N.D.



#13 AR-1232-3

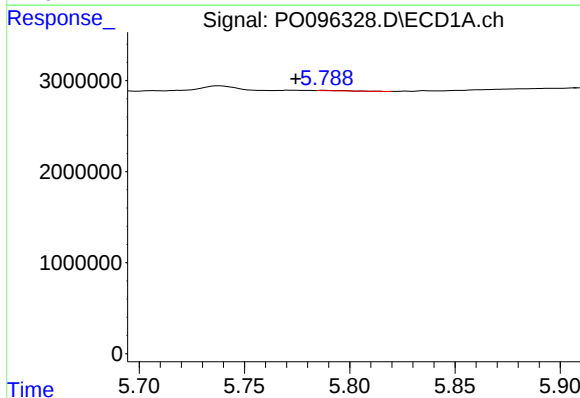
R.T.: 5.622 min
Delta R.T.: 0.010 min
Response: 76005
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



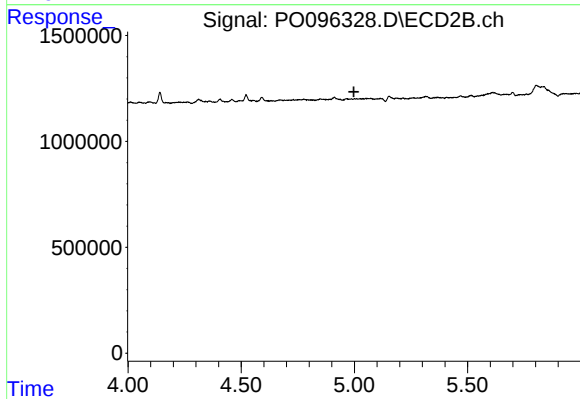
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



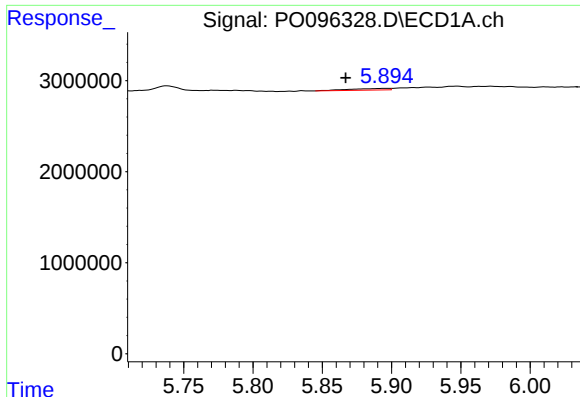
#14 AR-1232-4

R.T.: 5.788 min
Delta R.T.: 0.014 min
Response: 10012
Conc: 0.36 ng/ml



#14 AR-1232-4

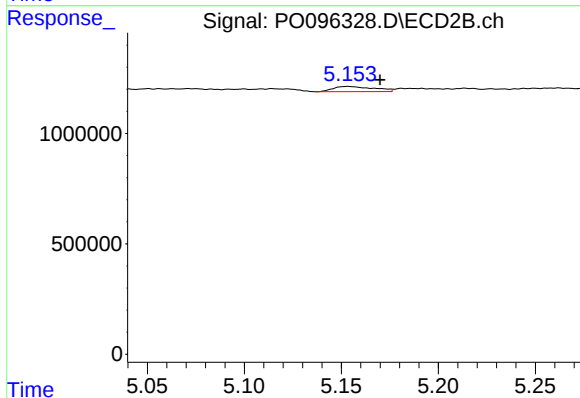
R.T.: 0.000 min
Exp R.T. : 4.998 min
Response: 0
Conc: N.D.



#15 AR-1232-5

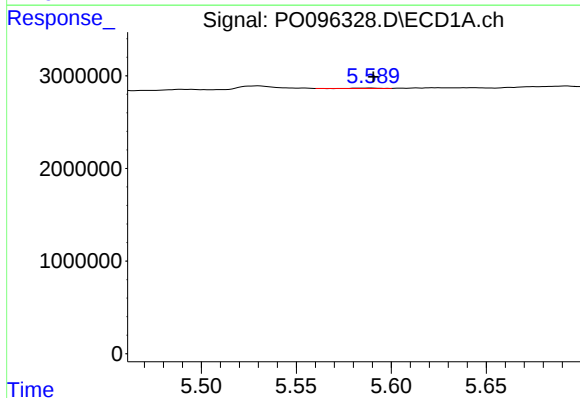
R.T.: 5.896 min
Delta R.T.: 0.029 min
Response: 356407
Conc: 14.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



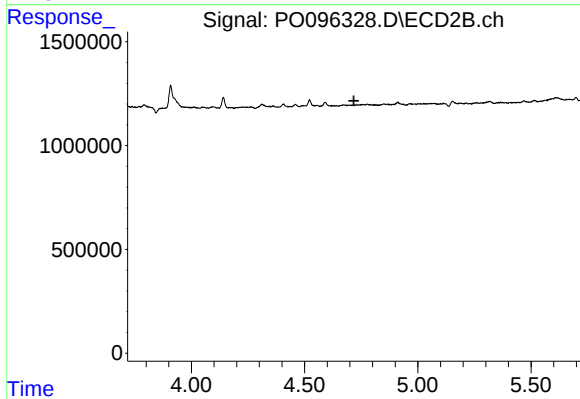
#15 AR-1232-5

R.T.: 5.154 min
Delta R.T.: -0.016 min
Response: 344762
Conc: 20.58 ng/ml



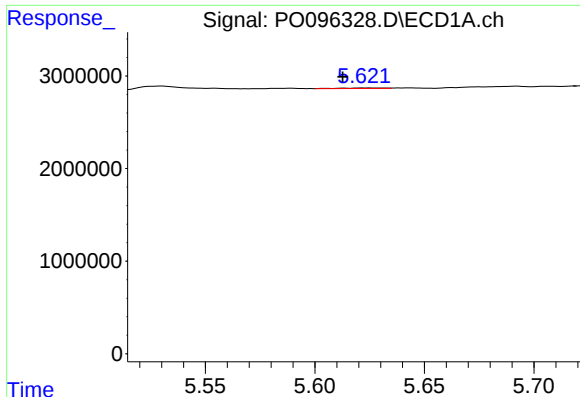
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: -0.001 min
Response: 16023
Conc: 0.21 ng/ml



#16 AR-1242-1

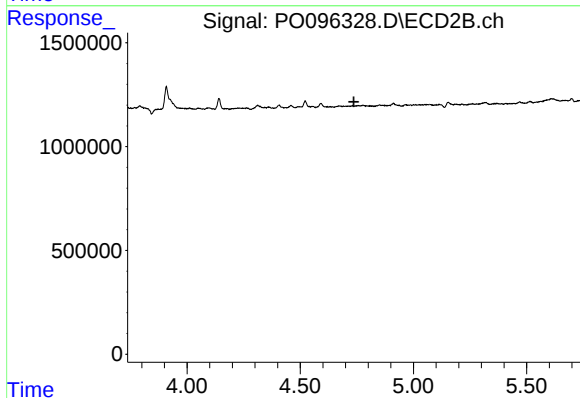
R.T.: 0.000 min
Exp R.T.: 4.718 min
Response: 0
Conc: N.D.



#17 AR-1242-2

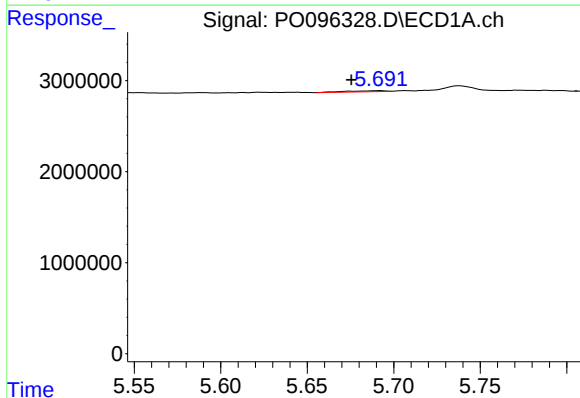
R.T.: 5.622 min
Delta R.T.: 0.010 min
Response: 76005
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



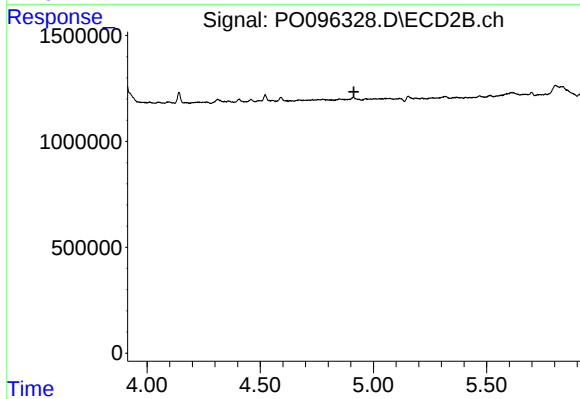
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.736 min
Response: 0
Conc: N.D.



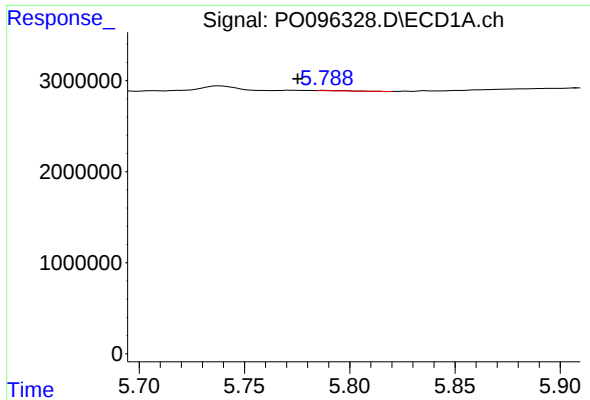
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: 0.016 min
Response: 181257
Conc: 2.73 ng/ml



#18 AR-1242-3

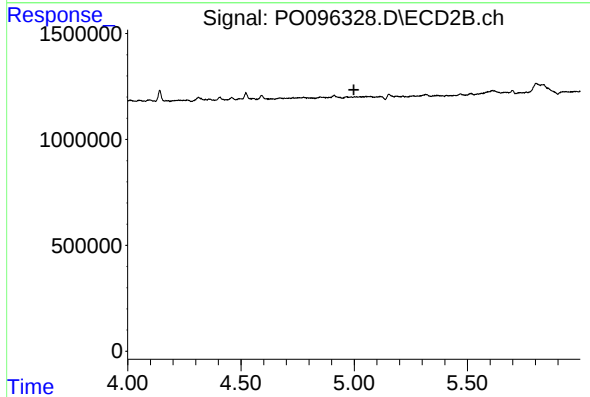
R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#19 AR-1242-4

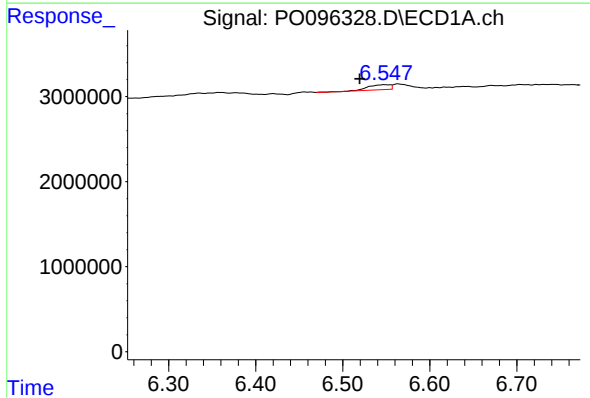
R.T.: 5.788 min
Delta R.T.: 0.013 min
Response: 10012
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



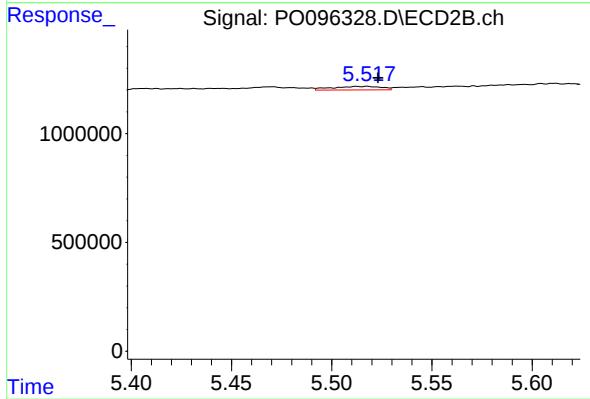
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.998 min
Response: 0
Conc: N.D.



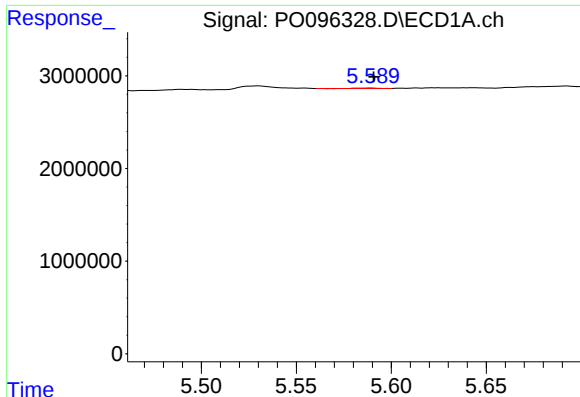
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: 0.029 min
Response: 1029364
Conc: 17.97 ng/ml



#20 AR-1242-5

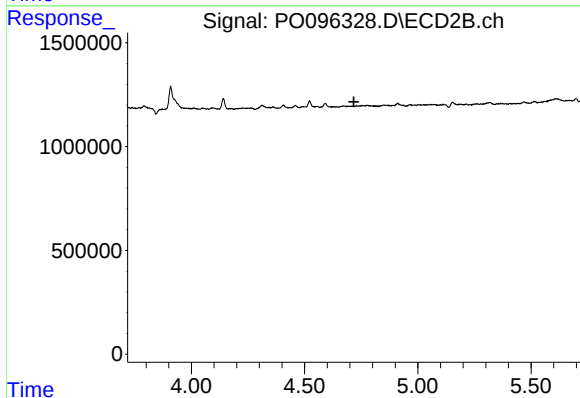
R.T.: 5.513 min
Delta R.T.: -0.011 min
Response: 279047
Conc: 8.13 ng/ml



#21 AR-1248-1

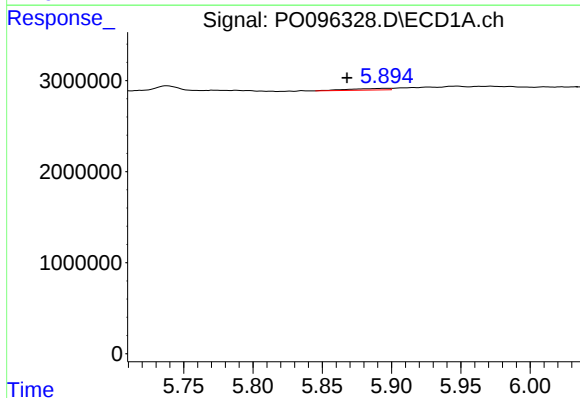
R.T.: 5.590 min
Delta R.T.: -0.001 min
Response: 16023
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



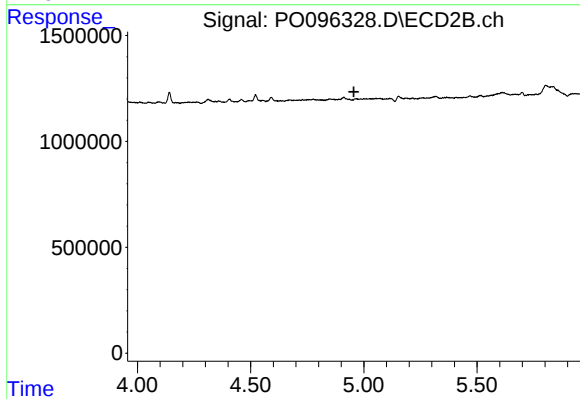
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.718 min
Response: 0
Conc: N.D.



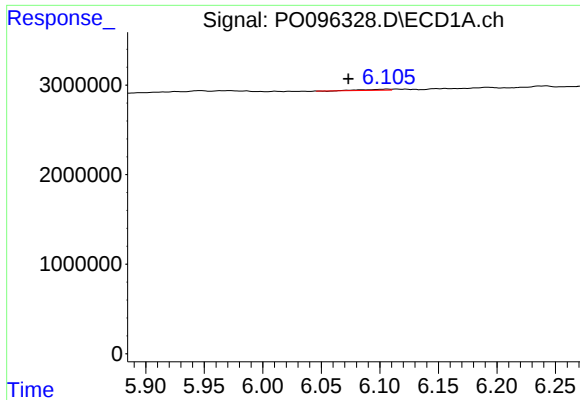
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: 0.028 min
Response: 356407
Conc: 4.05 ng/ml



#22 AR-1248-2

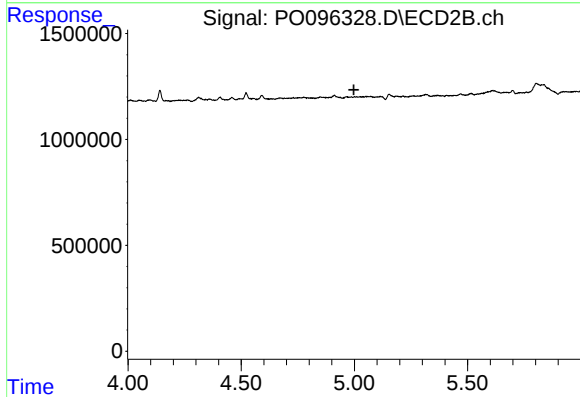
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#23 AR-1248-3

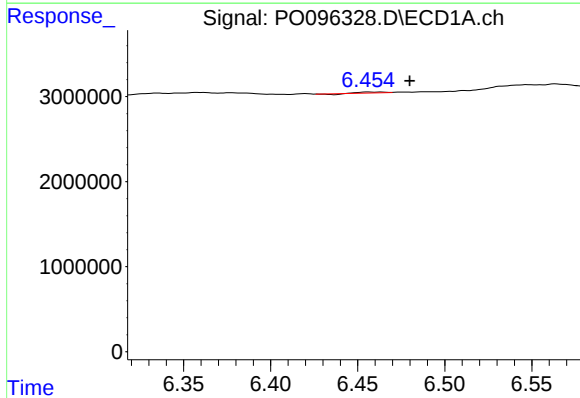
R.T.: 6.106 min
Delta R.T.: 0.033 min
Response: 153076
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



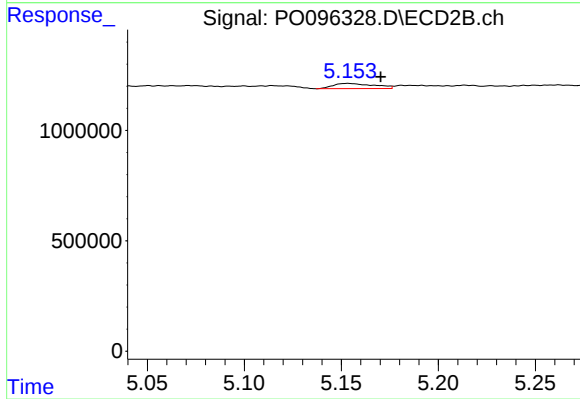
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.998 min
Response: 0
Conc: N.D.



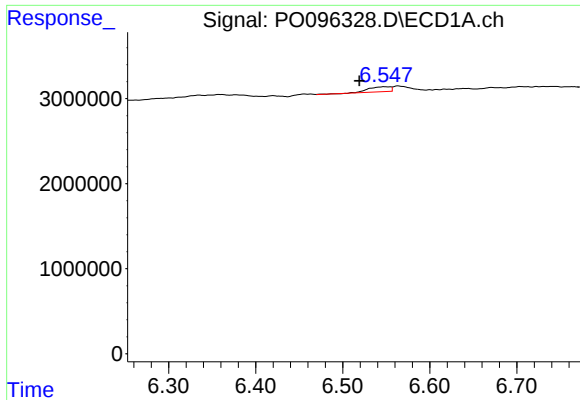
#24 AR-1248-4

R.T.: 6.456 min
Delta R.T.: -0.024 min
Response: 53639
Conc: 0.62 ng/ml



#24 AR-1248-4

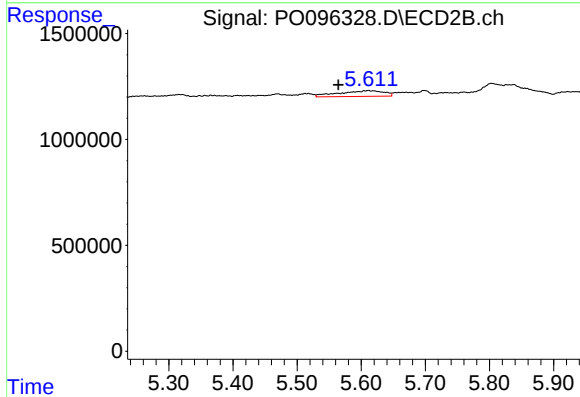
R.T.: 5.154 min
Delta R.T.: -0.017 min
Response: 344762
Conc: 7.24 ng/ml



#25 AR-1248-5

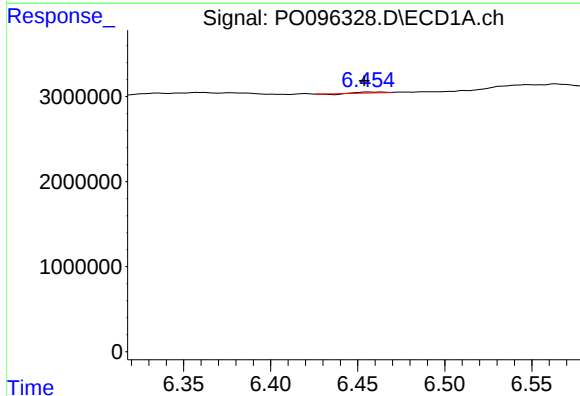
R.T.: 6.548 min
Delta R.T.: 0.029 min
Response: 1029364
Conc: 11.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



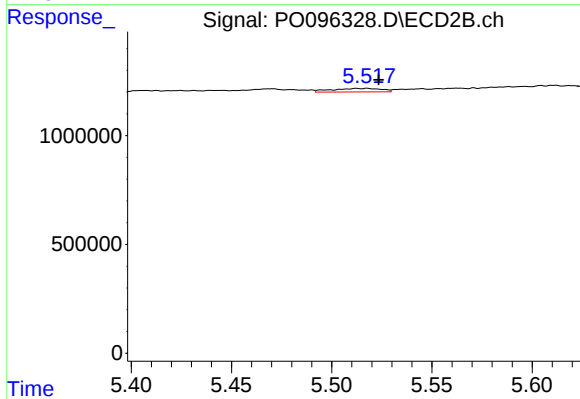
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: 0.047 min
Response: 1289004
Conc: 29.39 ng/ml



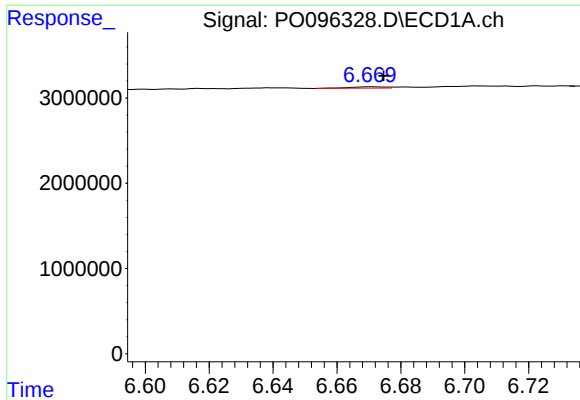
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 53639
Conc: 0.54 ng/ml



#26 AR-1254-1

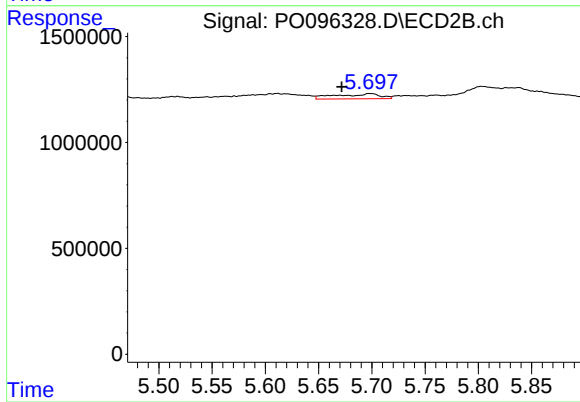
R.T.: 5.513 min
Delta R.T.: -0.011 min
Response: 279047
Conc: 4.05 ng/ml



#27 AR-1254-2

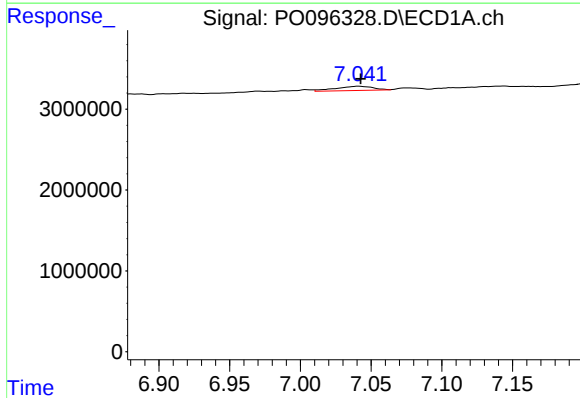
R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 115482
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



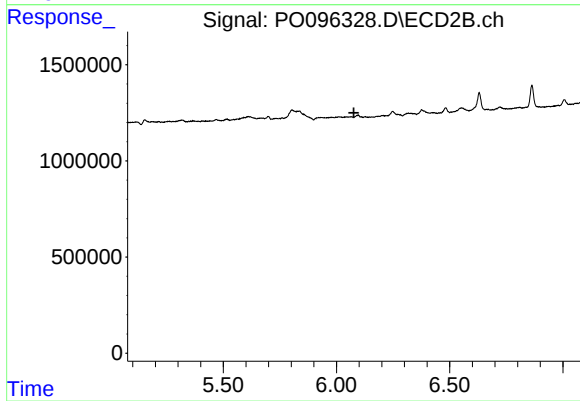
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: 0.026 min
Response: 681654
Conc: 11.23 ng/ml



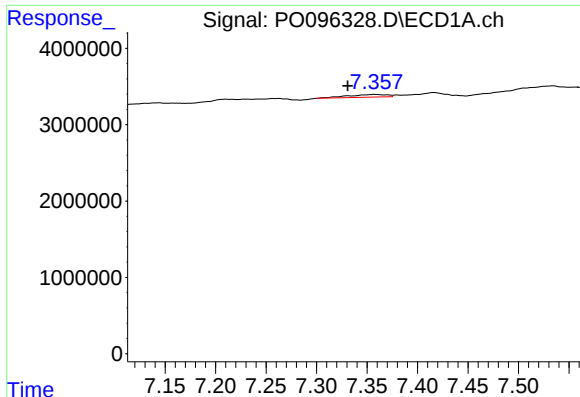
#28 AR-1254-3

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 988084
Conc: 6.86 ng/ml



#28 AR-1254-3

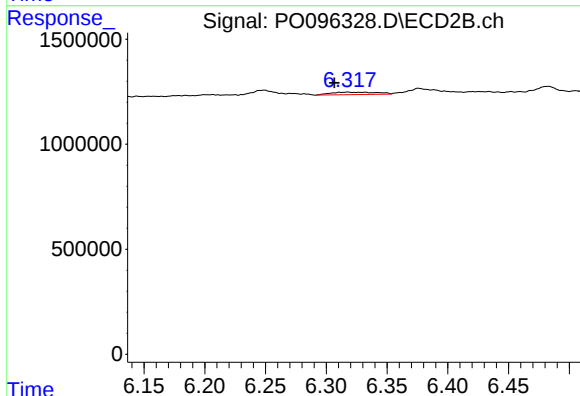
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.



#29 AR-1254-4

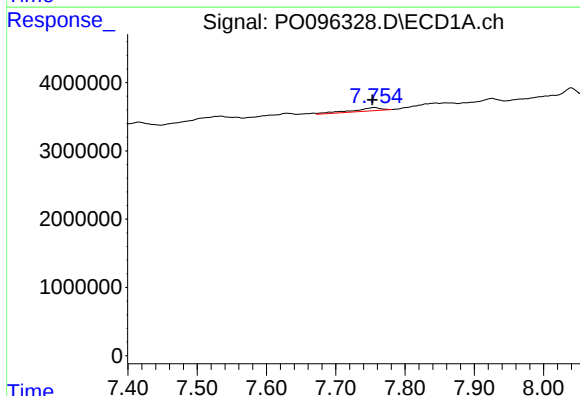
R.T.: 7.358 min
Delta R.T.: 0.027 min
Response: 902354
Conc: 9.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



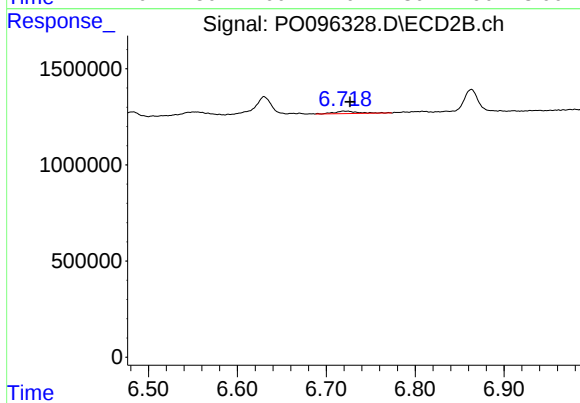
#29 AR-1254-4

R.T.: 6.317 min
Delta R.T.: 0.011 min
Response: 306813
Conc: 5.49 ng/ml



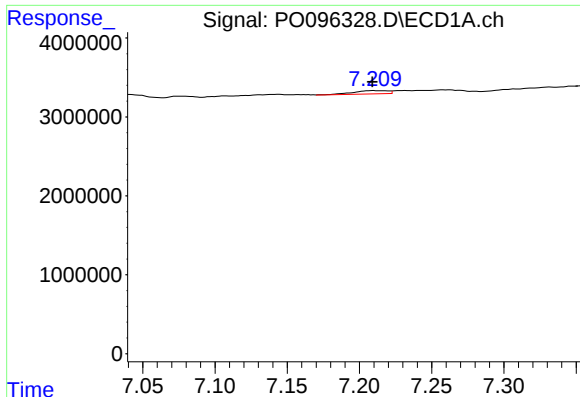
#30 AR-1254-5

R.T.: 7.756 min
Delta R.T.: 0.003 min
Response: 1371213
Conc: 13.34 ng/ml



#30 AR-1254-5

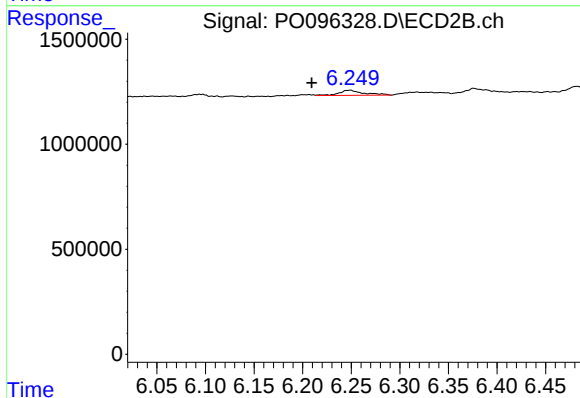
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 246307
Conc: 3.09 ng/ml



#31 AR-1260-1

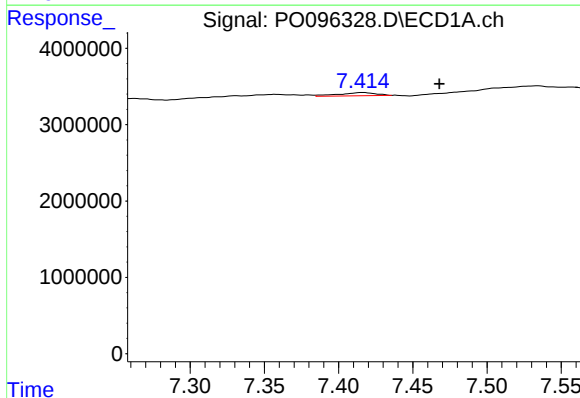
R.T.: 7.210 min
Delta R.T.: 0.000 min
Response: 683466
Conc: 5.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



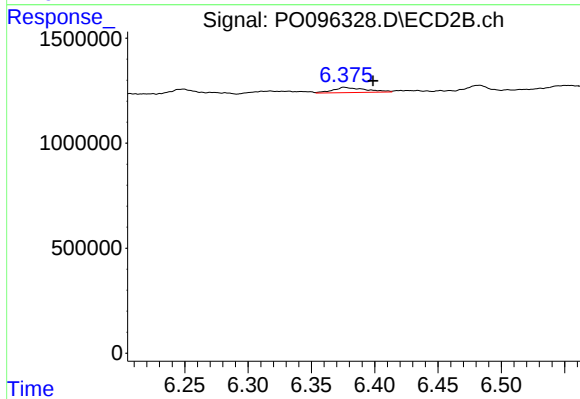
#31 AR-1260-1

R.T.: 6.248 min
Delta R.T.: 0.039 min
Response: 447422
Conc: 6.65 ng/ml



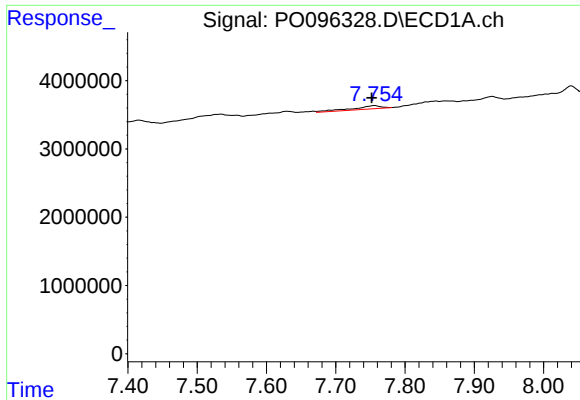
#32 AR-1260-2

R.T.: 7.416 min
Delta R.T.: -0.052 min
Response: 745701
Conc: 6.07 ng/ml



#32 AR-1260-2

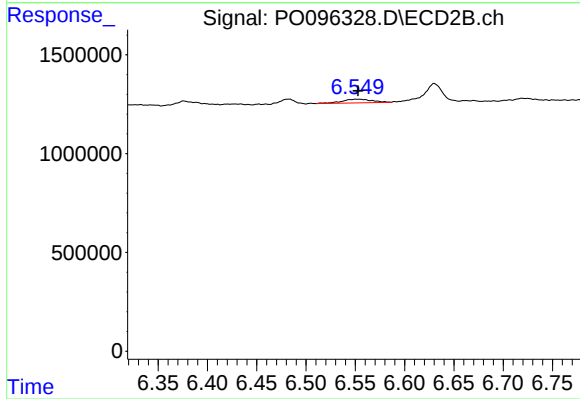
R.T.: 6.376 min
Delta R.T.: -0.023 min
Response: 444459
Conc: 5.74 ng/ml



#33 AR-1260-3

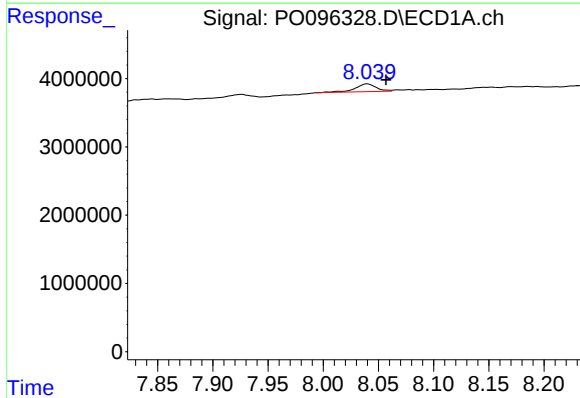
R.T.: 7.756 min
Delta R.T.: 0.004 min
Response: 1371213
Conc: 10.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



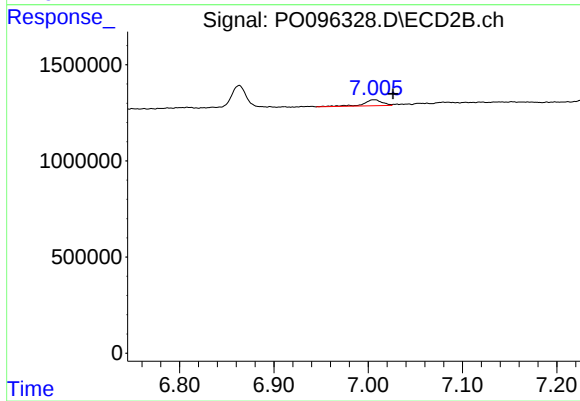
#33 AR-1260-3

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 395937
Conc: 4.87 ng/ml



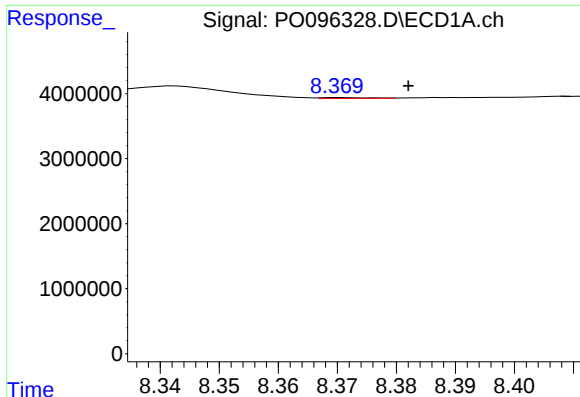
#34 AR-1260-4

R.T.: 8.040 min
Delta R.T.: -0.017 min
Response: 1516309
Conc: 14.33 ng/ml



#34 AR-1260-4

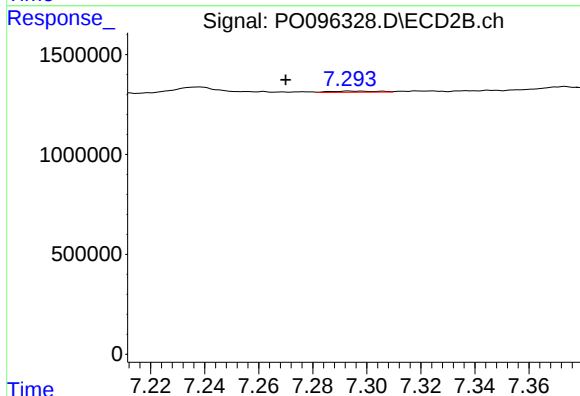
R.T.: 7.006 min
Delta R.T.: -0.020 min
Response: 438958
Conc: 7.32 ng/ml



#35 AR-1260-5

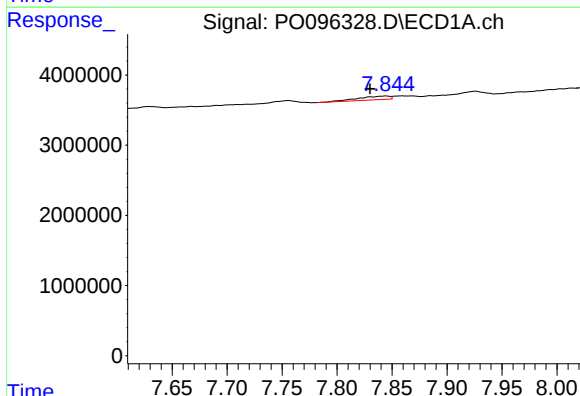
R.T.: 8.371 min
Delta R.T.: -0.011 min
Response: 76379
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



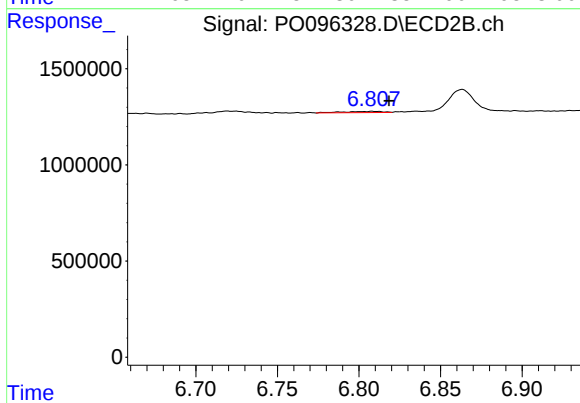
#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.024 min
Response: 73852
Conc: 0.56 ng/ml



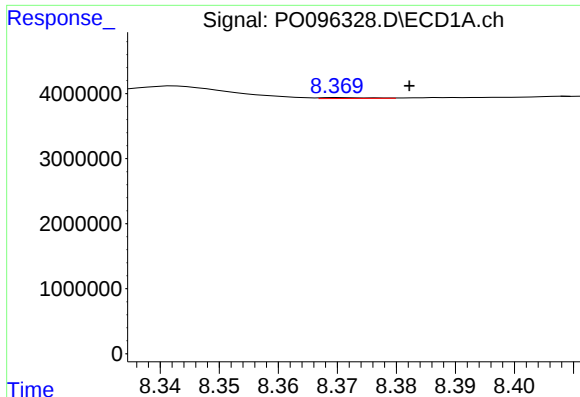
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: 0.015 min
Response: 1042958
Conc: 7.34 ng/ml



#36 AR-1262-1

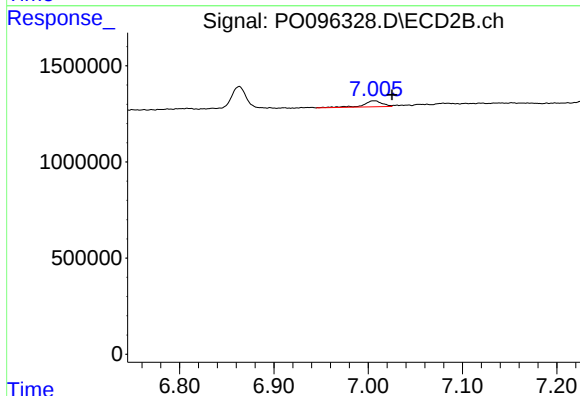
R.T.: 6.809 min
Delta R.T.: -0.010 min
Response: 103327
Conc: 2.88 ng/ml



#37 AR-1262-2

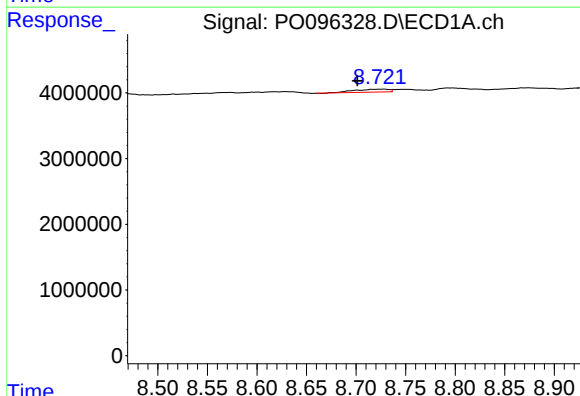
R.T.: 8.371 min
Delta R.T.: -0.012 min
Response: 76379
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



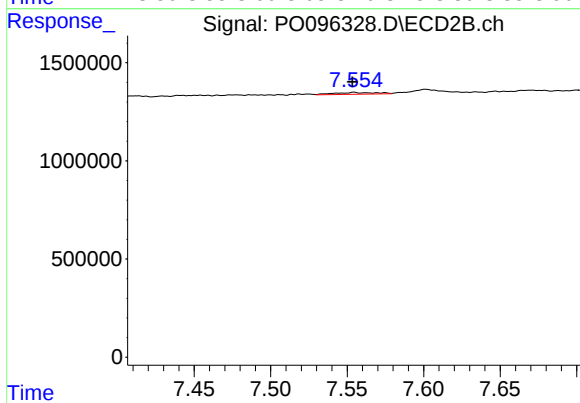
#37 AR-1262-2

R.T.: 7.006 min
Delta R.T.: -0.019 min
Response: 438958
Conc: 5.79 ng/ml



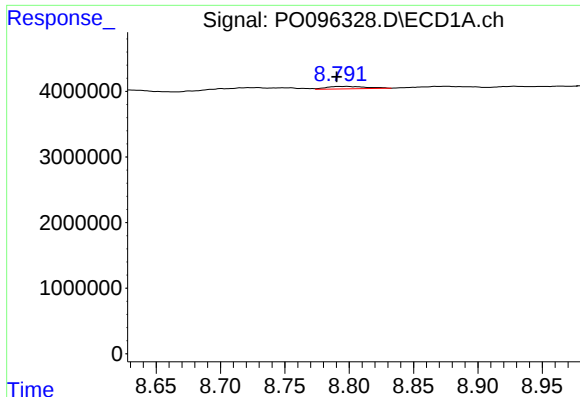
#38 AR-1262-3

R.T.: 8.729 min
Delta R.T.: 0.027 min
Response: 1062499
Conc: 6.79 ng/ml



#38 AR-1262-3

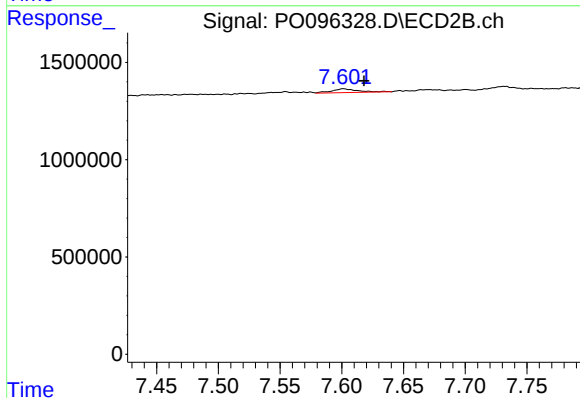
R.T.: 7.555 min
Delta R.T.: 0.001 min
Response: 171229
Conc: 2.94 ng/ml



#39 AR-1262-4

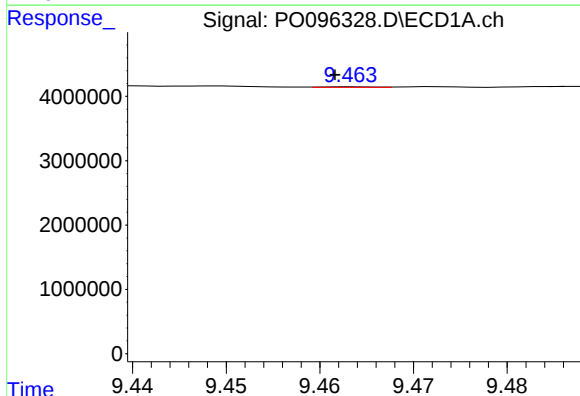
R.T.: 8.792 min
Delta R.T.: 0.002 min
Response: 808061
Conc: 6.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



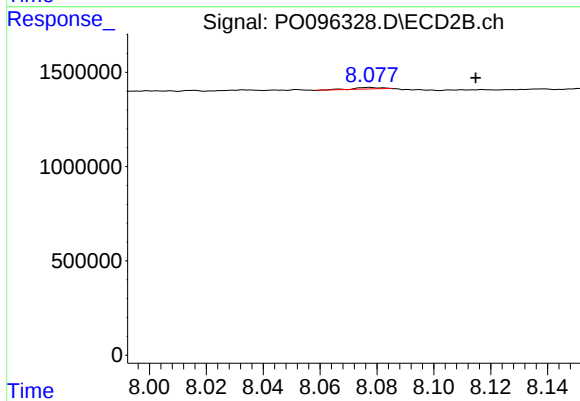
#39 AR-1262-4

R.T.: 7.601 min
Delta R.T.: -0.017 min
Response: 281904
Conc: 2.70 ng/ml



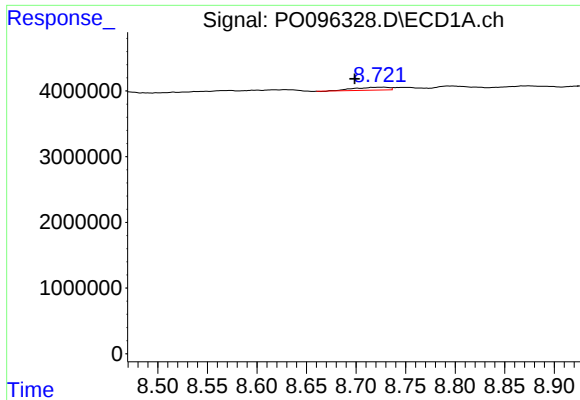
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: 0.002 min
Response: 29620
Conc: 0.38 ng/ml



#40 AR-1262-5

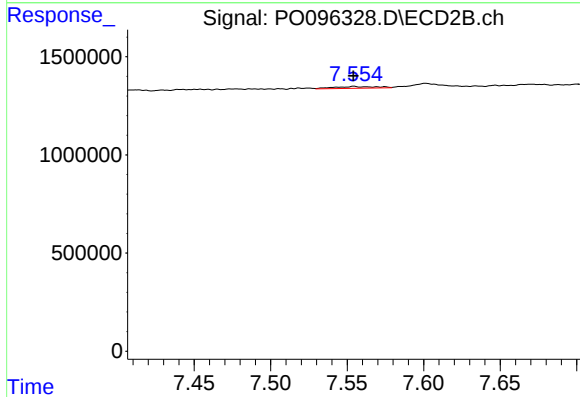
R.T.: 8.077 min
Delta R.T.: -0.038 min
Response: 84817
Conc: 1.72 ng/ml



#41 AR-1268-1

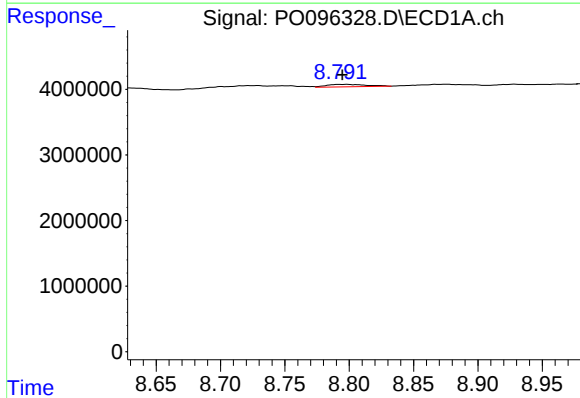
R.T.: 8.729 min
Delta R.T.: 0.030 min
Response: 1062499
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



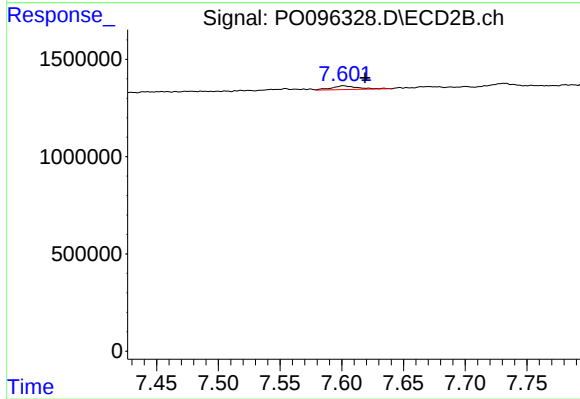
#41 AR-1268-1

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 171229
Conc: 0.99 ng/ml



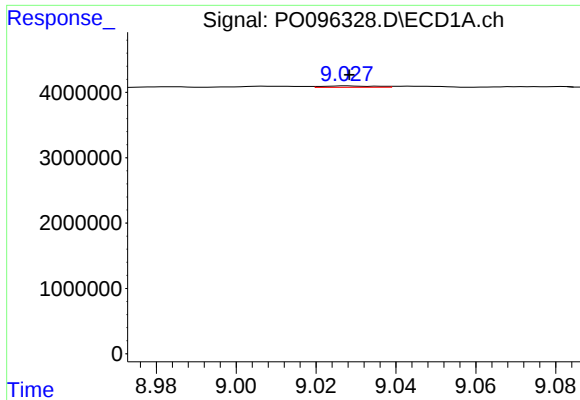
#42 AR-1268-2

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 808061
Conc: 3.02 ng/ml



#42 AR-1268-2

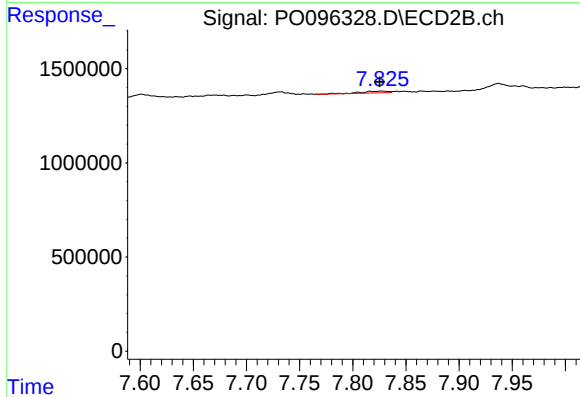
R.T.: 7.601 min
Delta R.T.: -0.017 min
Response: 281904
Conc: 1.82 ng/ml



#43 AR-1268-3

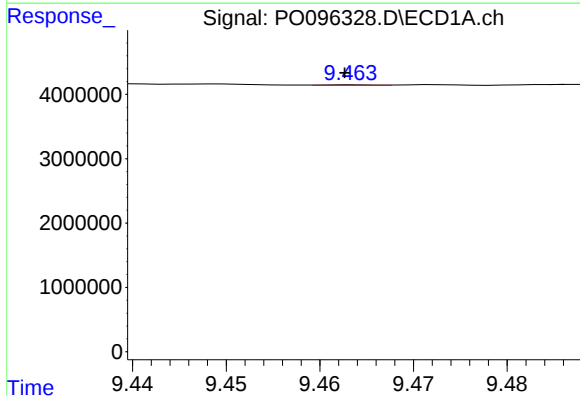
R.T.: 9.028 min
Delta R.T.: 0.000 min
Response: 205231
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



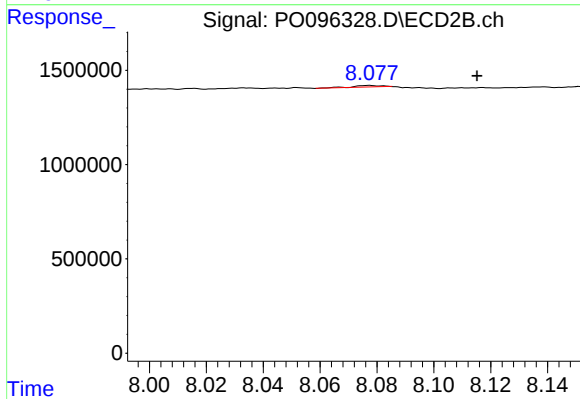
#43 AR-1268-3

R.T.: 7.827 min
Delta R.T.: 0.001 min
Response: 164014
Conc: 1.19 ng/ml



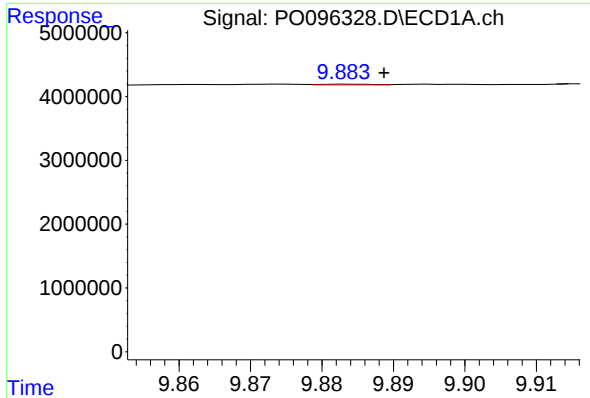
#44 AR-1268-4

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 29620
Conc: 0.34 ng/ml



#44 AR-1268-4

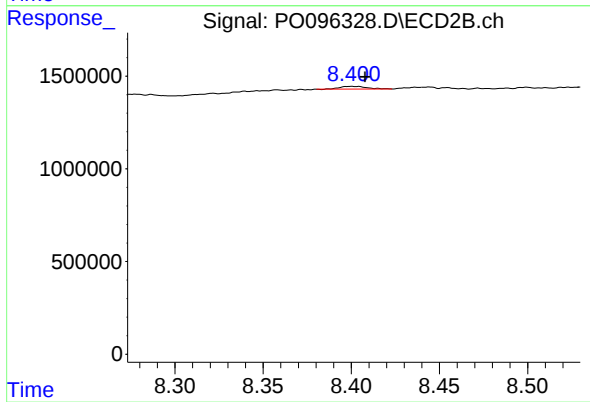
R.T.: 8.077 min
Delta R.T.: -0.038 min
Response: 84817
Conc: 1.53 ng/ml



#45 AR-1268-5

R.T.: 9.883 min
Delta R.T.: -0.005 min
Response: 58944
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.400 min
Delta R.T.: -0.008 min
Response: 150223
Conc: 0.38 ng/ml