

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
 Data File : P0096803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 02:11
 Operator : YP/AJ
 Sample : 03572-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 04:05:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.411	3.619	69460600	27705489	20.984	20.929
2) SA Decachlor...	10.351	8.641	52139420	27681248	23.828	23.926
Target Compounds						
3) L1 AR-1016-1	5.597	4.722	277774	387906	2.949	8.749 #
4) L1 AR-1016-2	5.618	4.722	394687	387906	2.950	6.341 #
5) L1 AR-1016-3	5.684	4.906	339596	167531	3.902	5.128 #
6) L1 AR-1016-4	5.784	4.944	206703	166216	3.077	5.815 #
7) L1 AR-1016-5	6.085	5.157	342879	227248	4.911	5.911
8) L2 AR-1221-1	4.622	3.833	1245969	528016	30.572	30.421
9) L2 AR-1221-2	4.720	3.919	1907354	704108	62.784	54.495
10) L2 AR-1221-3	4.787	3.995	2705457	1427048	30.908	35.951
11) L3 AR-1232-1	4.787	3.995	2705457	1427048	37.095	44.117
12) L3 AR-1232-2	5.326	4.722	426415	387906	10.756	13.444
13) L3 AR-1232-3	5.618	4.906	394687	167531	6.452	11.050 #
14) L3 AR-1232-4	5.784	4.986	206703	247924	6.774	16.590 #
15) L3 AR-1232-5	5.877	5.157	315188	227248	11.263	13.902
16) L4 AR-1242-1	5.597	4.722	277774	387906	3.314	9.839 #
17) L4 AR-1242-2	5.618	4.722	394687	387906	3.352	7.119 #
18) L4 AR-1242-3	5.684	4.906	339596	167531	4.597	5.666
19) L4 AR-1242-4	5.784	4.986	206703	247924	3.472	7.867 #
20) L4 AR-1242-5	6.497	5.509	193912	357317	3.524	9.807 #
21) L5 AR-1248-1	5.597	4.722	277774	387906	4.741	13.823 #
22) L5 AR-1248-2	5.877	4.944	315188	166216	3.352	3.922
23) L5 AR-1248-3	6.085	4.986	342879	247924	3.506	5.652 #
24) L5 AR-1248-4	6.480	5.157	71034	227248	0.782	4.451 #
25) L5 AR-1248-5	6.497	5.509f	193912	357317	2.201	7.643 #
26) L6 AR-1254-1	6.469	5.509	199309	357317	1.824	4.842 #
27) L6 AR-1254-2	6.697	5.606f	534340	2843929	3.314	43.168 #
28) L6 AR-1254-3	7.067	6.063	1132661	2046828	7.228	20.253 #
29) L6 AR-1254-4	7.346	6.291	268429	358427	2.663	6.193 #
30) L6 AR-1254-5	7.797	6.750f	794902	864577	7.084	9.834 #
31) L7 AR-1260-1	7.260	6.171	955920	718243	7.605	10.207 #
32) L7 AR-1260-2	7.460	6.368	320021	289068	2.375	3.463 #
33) L7 AR-1260-3	7.893	0.000	2414484	0	23.267	N.D. #
34) L7 AR-1260-4	8.119	6.988	818058	1282735	7.317	20.017 #
35) L7 AR-1260-5	8.428	7.318f	214770	1737076	1.023	12.530 #
36) L8 AR-1262-1	7.893	6.822	2414484	1975806	16.256	50.187 #
37) L8 AR-1262-2	8.428	6.988	214770	1282735	0.928	15.816 #
38) L8 AR-1262-3	8.746	7.529	47650	324528	0.286	5.057 #
39) L8 AR-1262-4	8.846	0.000	111486	0	1.529	N.D. #
40) L8 AR-1262-5	9.537	0.000	148230	0	1.780	N.D. #
41) L9 AR-1268-1	8.746	7.529	47650	324528	0.155	1.751 #

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Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
 Integrator: ChemStation

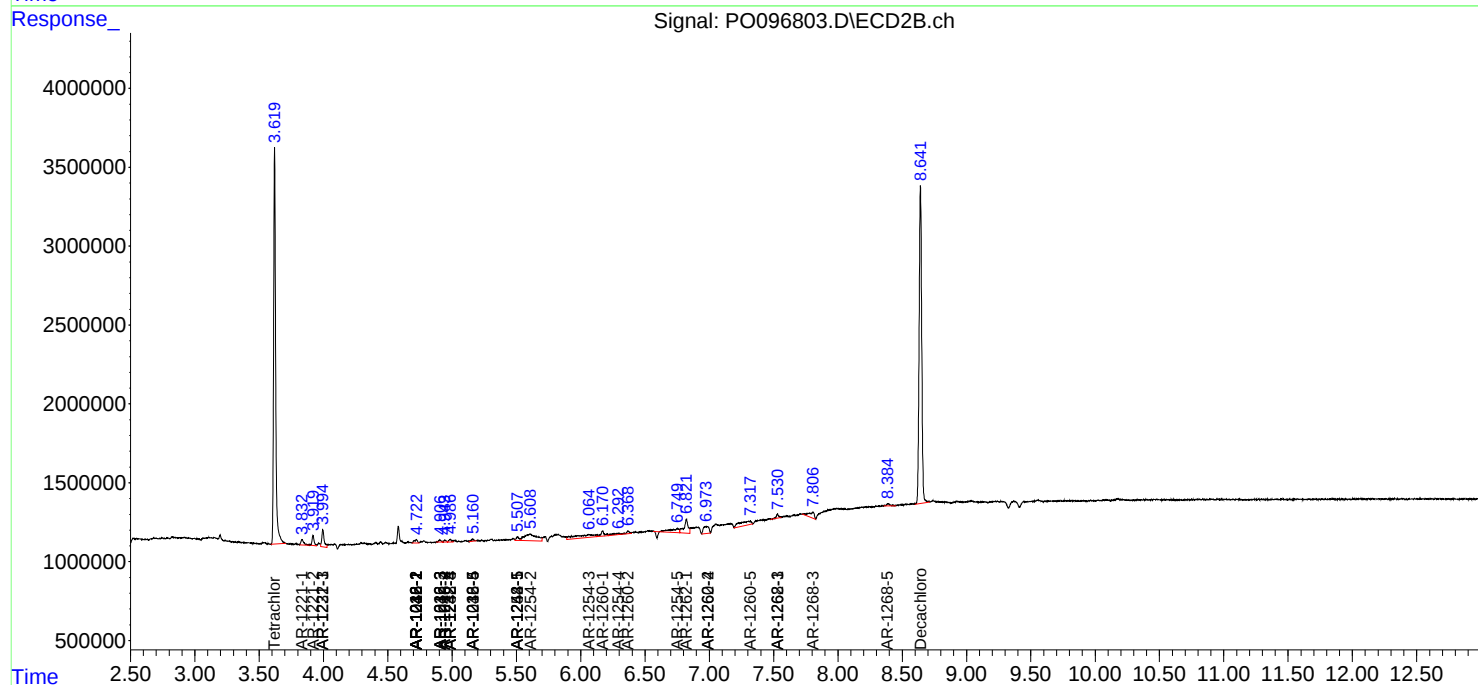
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

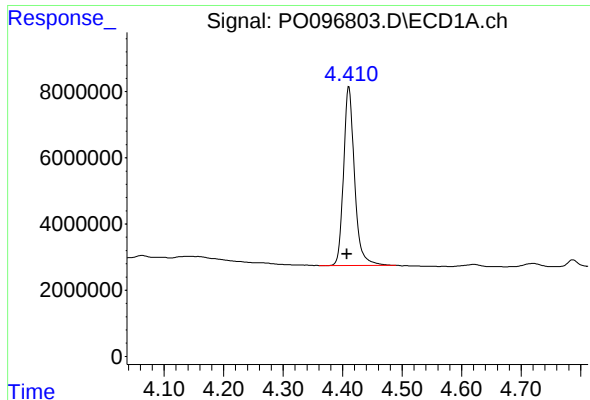
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.861	0.000	114288	0	0.417	N.D.	#
43)	L9 AR-1268-3	9.092	7.806	424077	1088765	1.661	7.536	#
44)	L9 AR-1268-4	9.537	0.000	148230	0	1.599	N.D.	#
45)	L9 AR-1268-5	9.986	8.391	249437	257486	0.309	0.619	#

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

Instrument :
ECD_O
ClientSampleId :

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

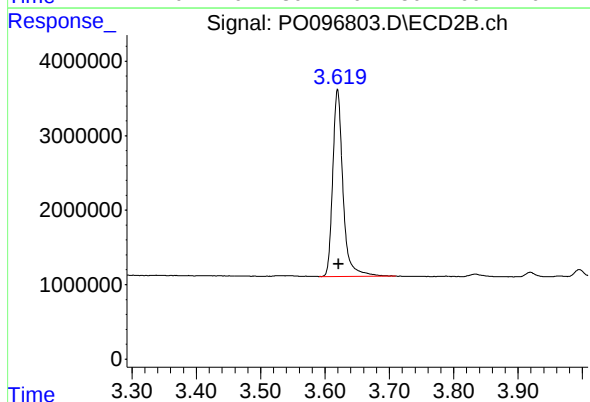




#1 Tetrachloro-m-xylene

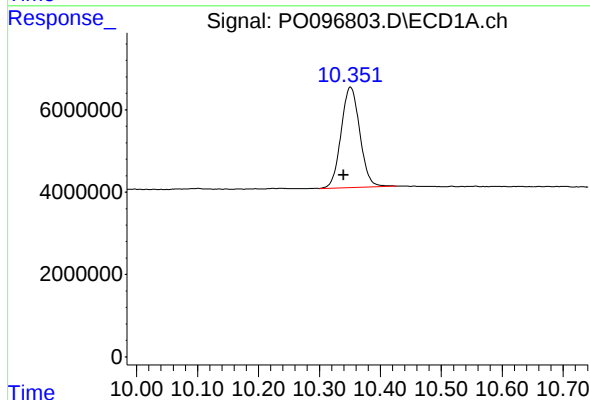
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 69460600
Conc: 20.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



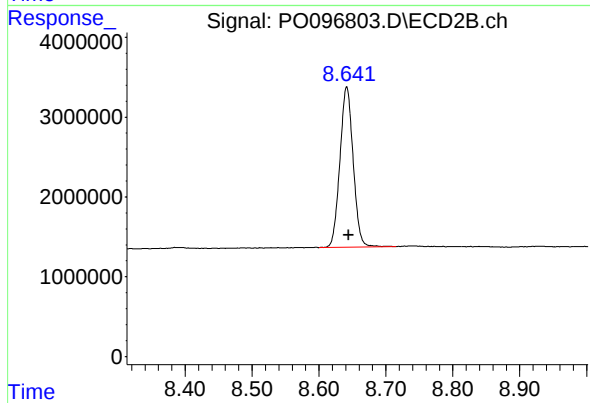
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 27705489
Conc: 20.93 ng/ml



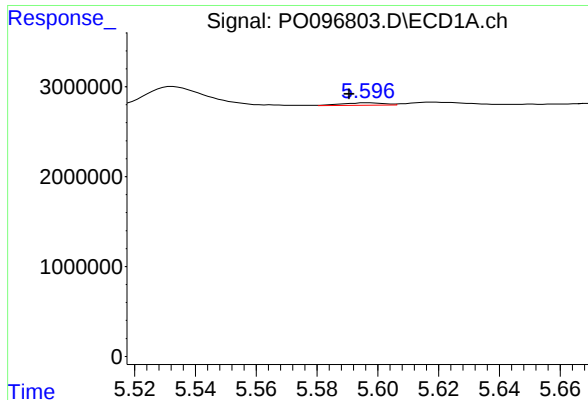
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.012 min
Response: 52139420
Conc: 23.83 ng/ml



#2 Decachlorobiphenyl

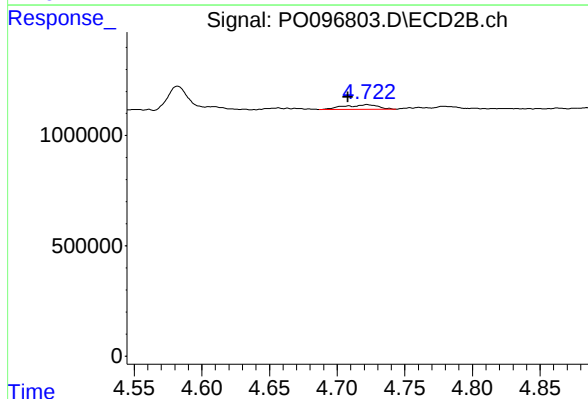
R.T.: 8.641 min
Delta R.T.: -0.003 min
Response: 27681248
Conc: 23.93 ng/ml



#3 AR-1016-1

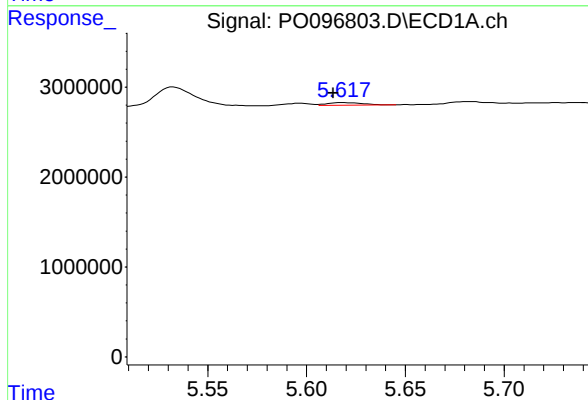
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 277774
Conc: 2.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



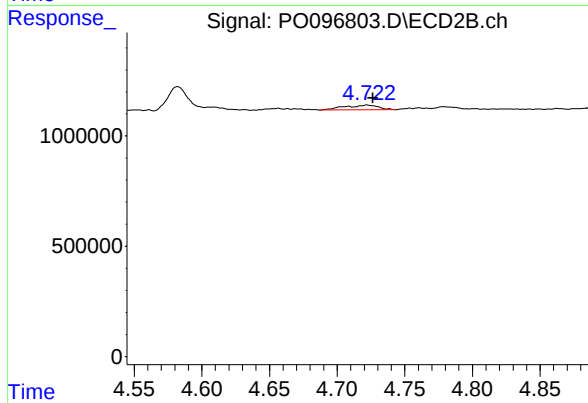
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.014 min
Response: 387906
Conc: 8.75 ng/ml



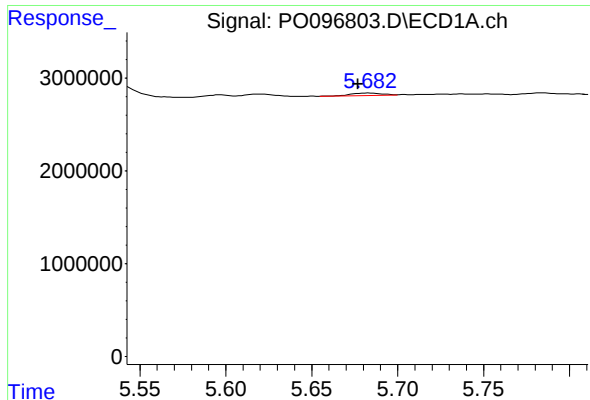
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 394687
Conc: 2.95 ng/ml



#4 AR-1016-2

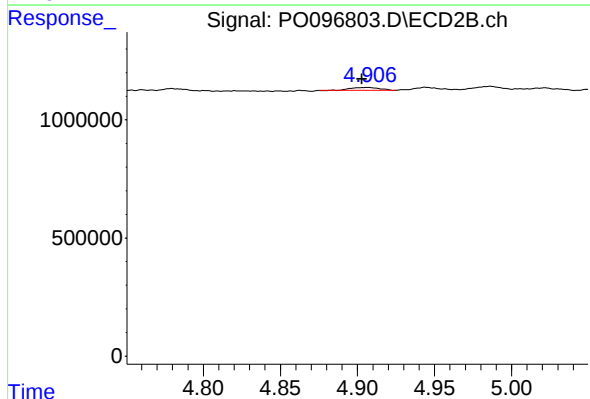
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 387906
Conc: 6.34 ng/ml



#5 AR-1016-3

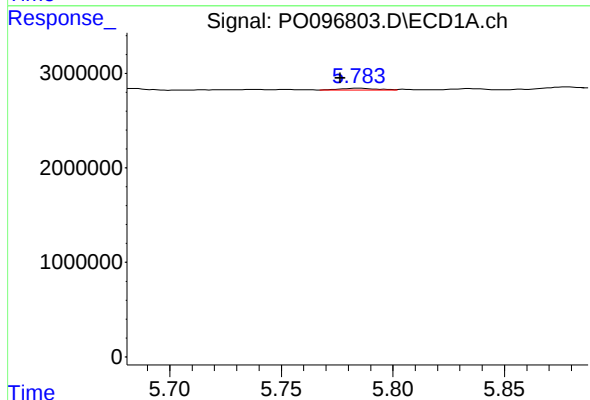
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 339596
Conc: 3.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



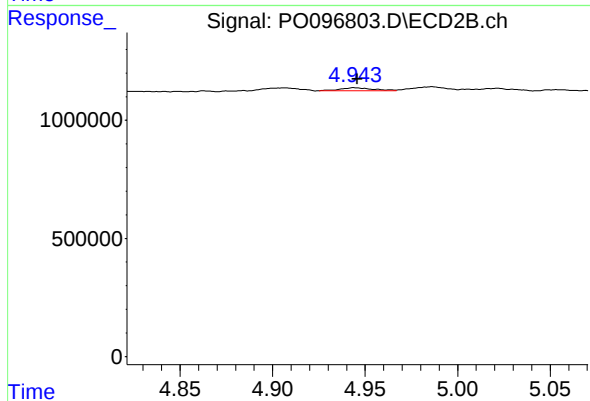
#5 AR-1016-3

R.T.: 4.906 min
Delta R.T.: 0.003 min
Response: 167531
Conc: 5.13 ng/ml



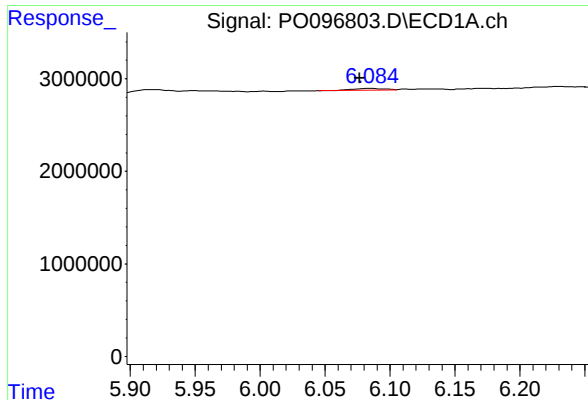
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 206703
Conc: 3.08 ng/ml



#6 AR-1016-4

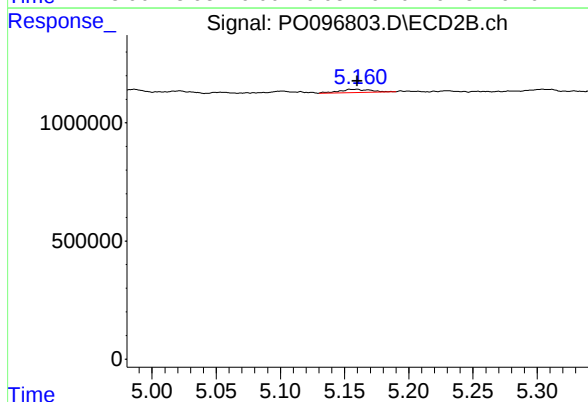
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 166216
Conc: 5.81 ng/ml



#7 AR-1016-5

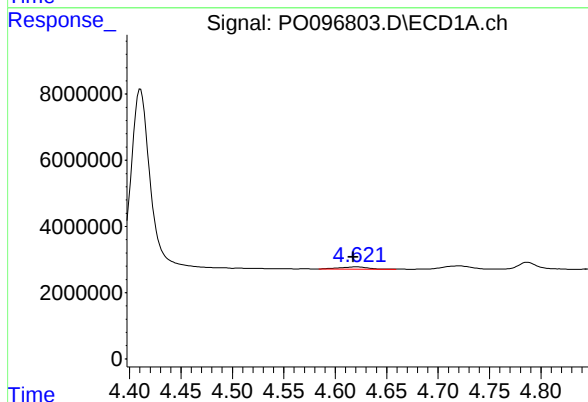
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 342879
Conc: 4.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



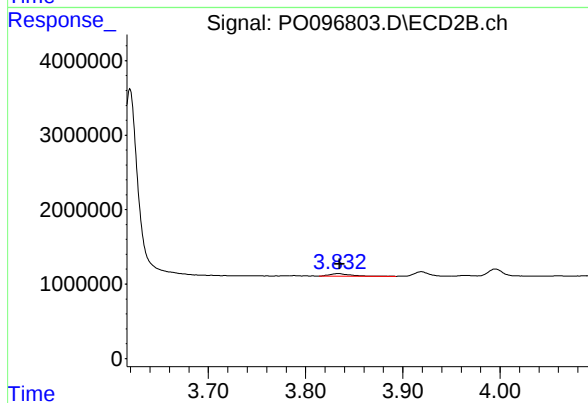
#7 AR-1016-5

R.T.: 5.157 min
Delta R.T.: -0.003 min
Response: 227248
Conc: 5.91 ng/ml



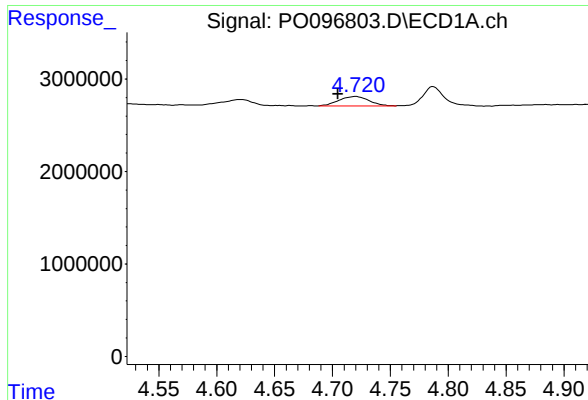
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: 0.004 min
Response: 1245969
Conc: 30.57 ng/ml



#8 AR-1221-1

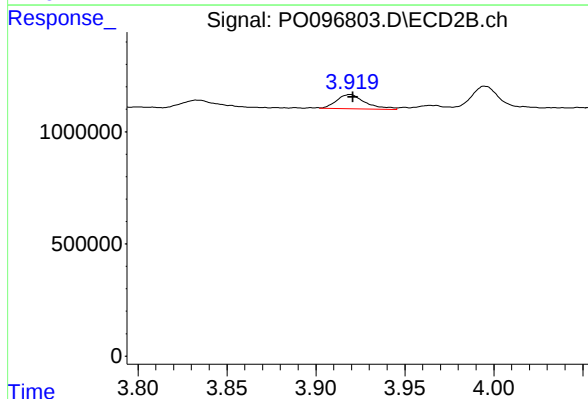
R.T.: 3.833 min
Delta R.T.: -0.001 min
Response: 528016
Conc: 30.42 ng/ml



#9 AR-1221-2

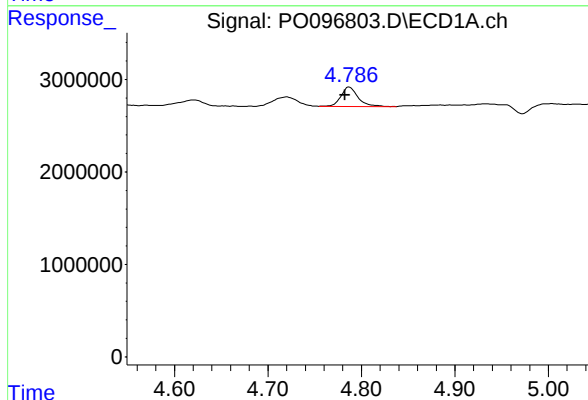
R.T.: 4.720 min
Delta R.T.: 0.015 min
Response: 1907354
Conc: 62.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



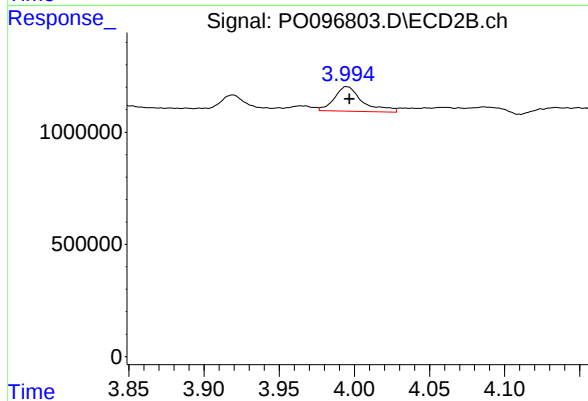
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.002 min
Response: 704108
Conc: 54.49 ng/ml



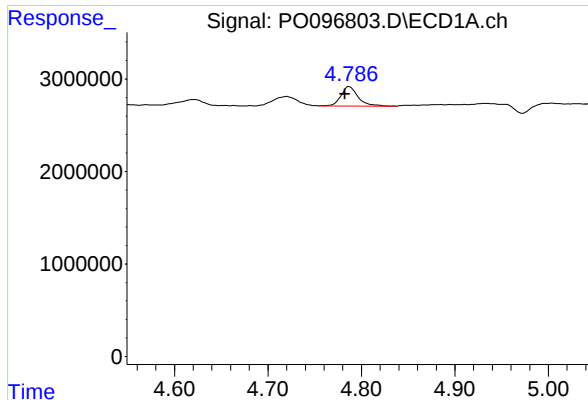
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 2705457
Conc: 30.91 ng/ml



#10 AR-1221-3

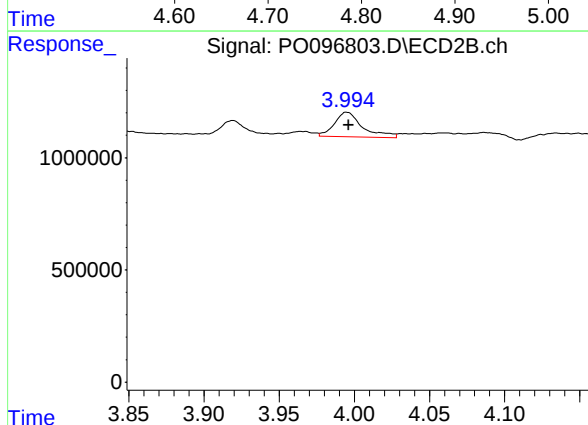
R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 1427048
Conc: 35.95 ng/ml



#11 AR-1232-1

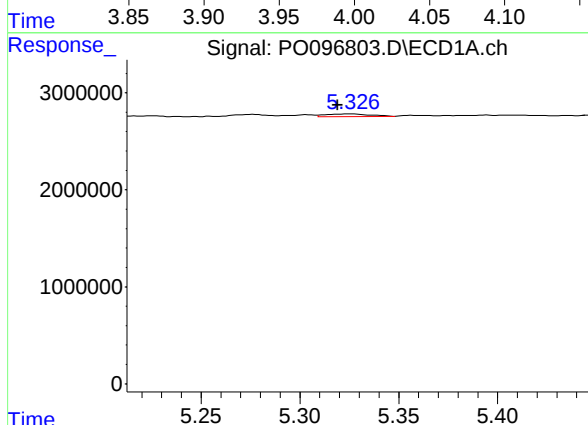
R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 2705457
Conc: 37.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



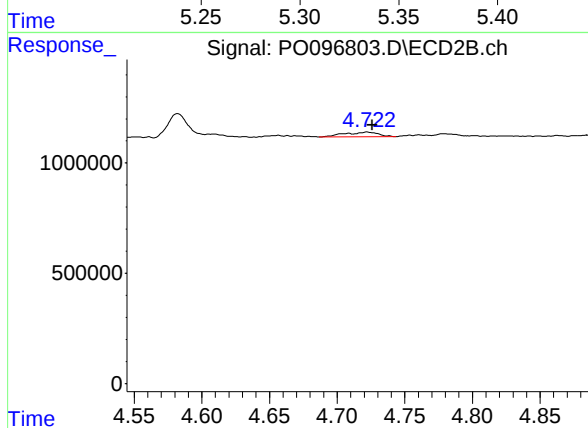
#11 AR-1232-1

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 1427048
Conc: 44.12 ng/ml



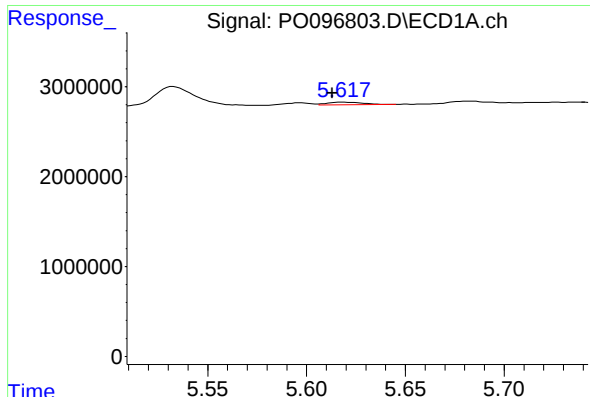
#12 AR-1232-2

R.T.: 5.326 min
Delta R.T.: 0.007 min
Response: 426415
Conc: 10.76 ng/ml



#12 AR-1232-2

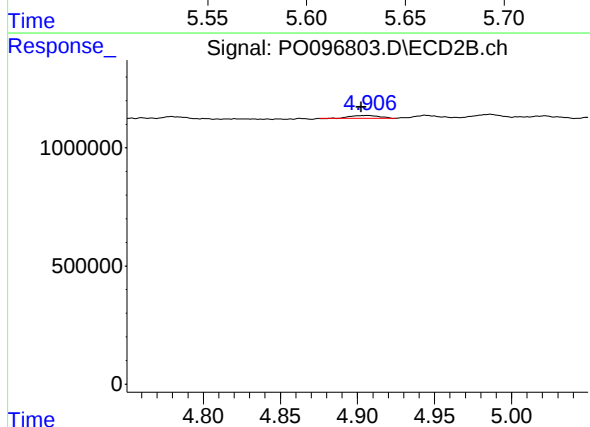
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 387906
Conc: 13.44 ng/ml



#13 AR-1232-3

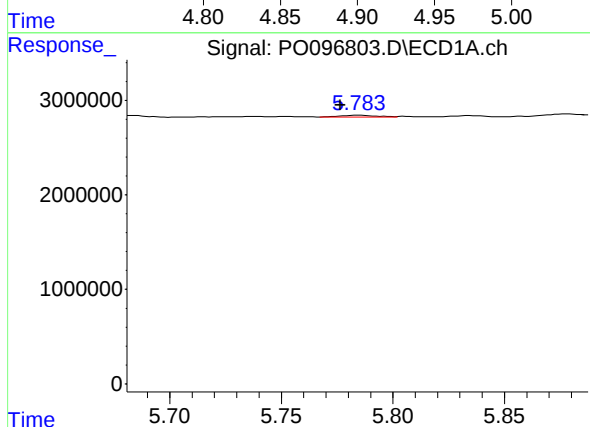
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 394687
Conc: 6.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



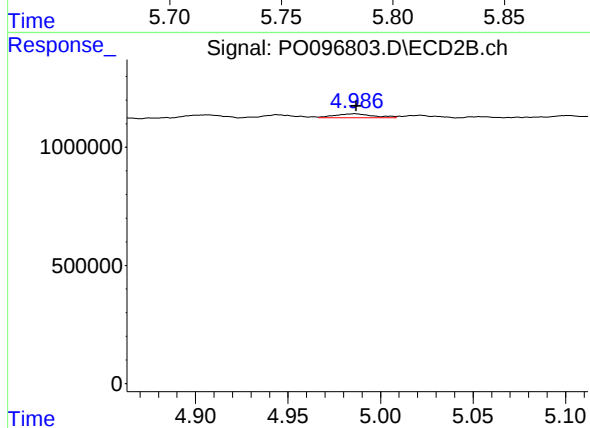
#13 AR-1232-3

R.T.: 4.906 min
Delta R.T.: 0.003 min
Response: 167531
Conc: 11.05 ng/ml



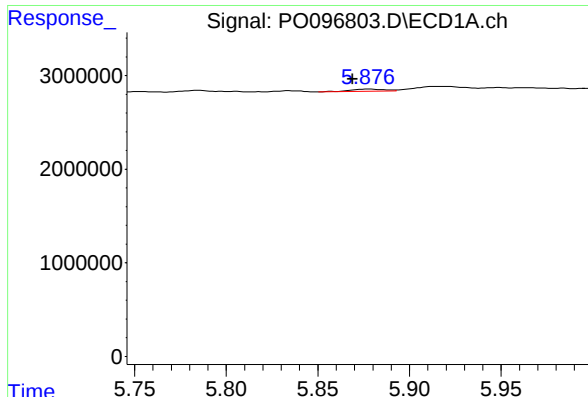
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 206703
Conc: 6.77 ng/ml



#14 AR-1232-4

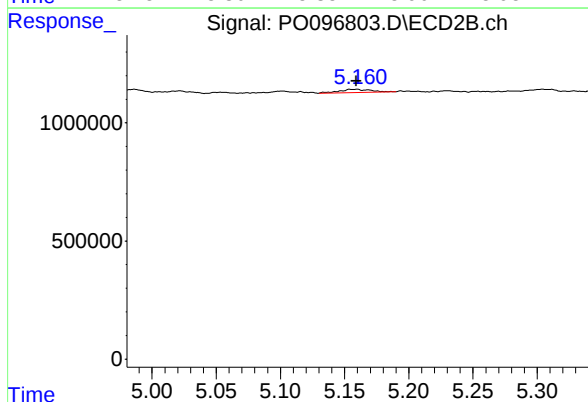
R.T.: 4.986 min
Delta R.T.: -0.001 min
Response: 247924
Conc: 16.59 ng/ml



#15 AR-1232-5

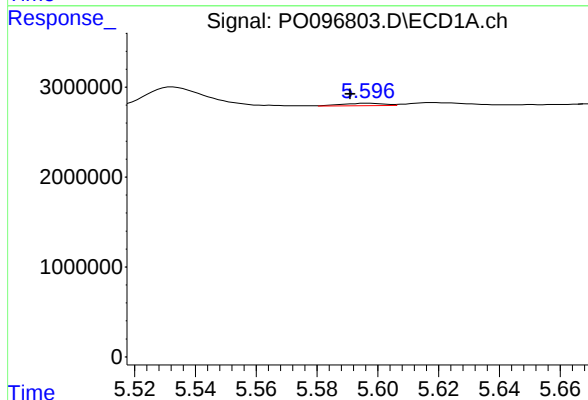
R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 315188
Conc: 11.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



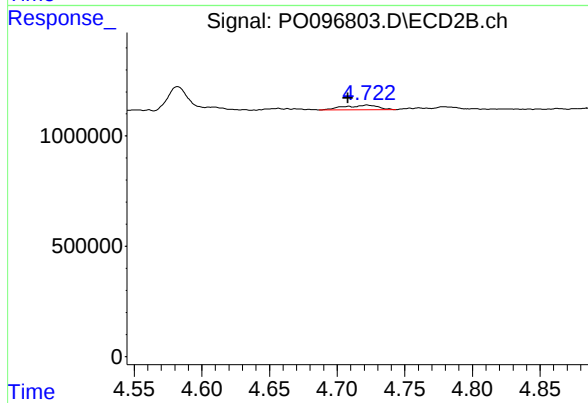
#15 AR-1232-5

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 227248
Conc: 13.90 ng/ml



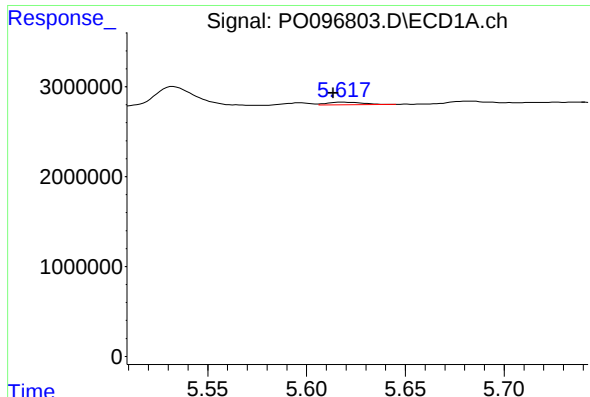
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 277774
Conc: 3.31 ng/ml



#16 AR-1242-1

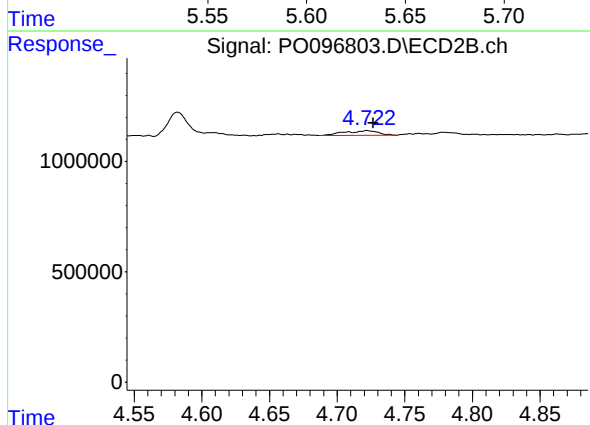
R.T.: 4.722 min
Delta R.T.: 0.014 min
Response: 387906
Conc: 9.84 ng/ml



#17 AR-1242-2

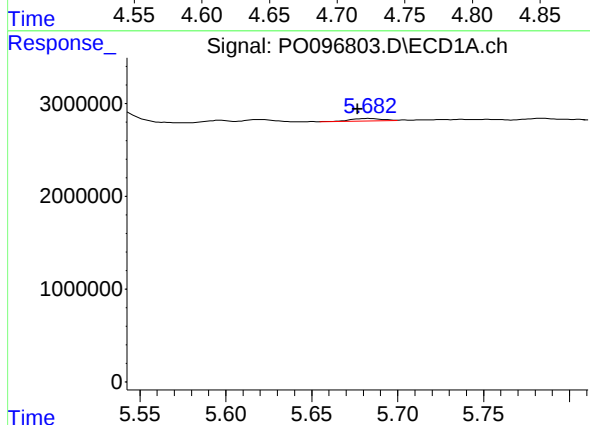
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 394687
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



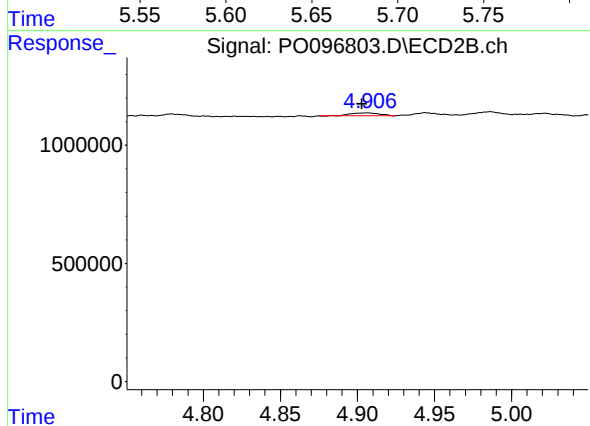
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 387906
Conc: 7.12 ng/ml



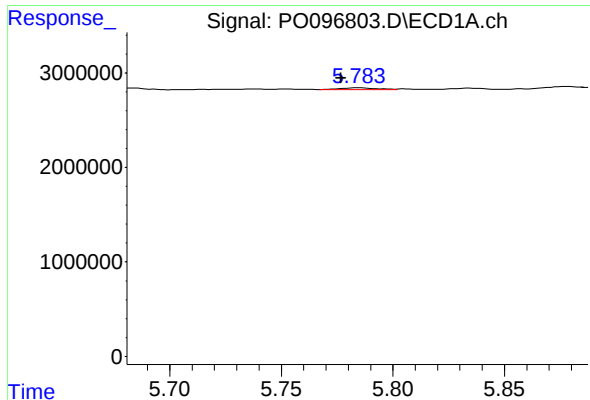
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 339596
Conc: 4.60 ng/ml



#18 AR-1242-3

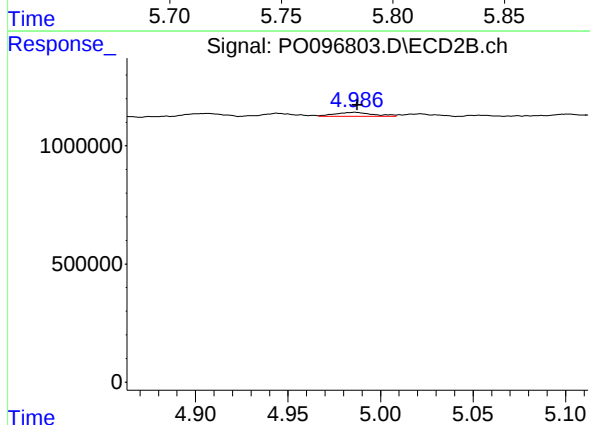
R.T.: 4.906 min
Delta R.T.: 0.003 min
Response: 167531
Conc: 5.67 ng/ml



#19 AR-1242-4

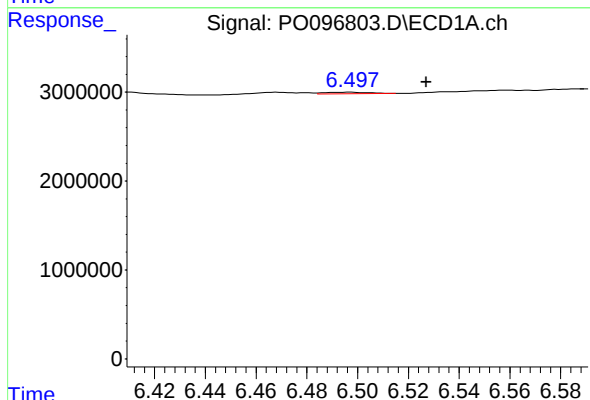
R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 206703
Conc: 3.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



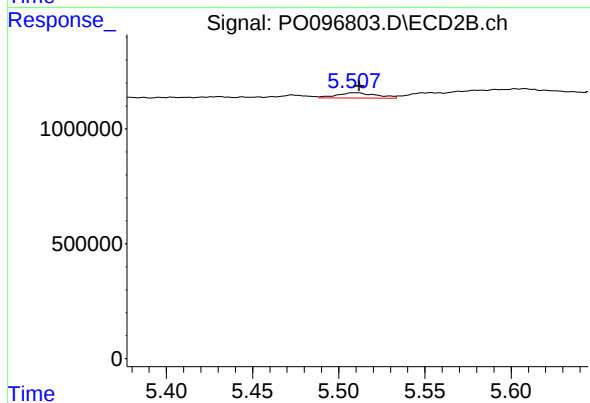
#19 AR-1242-4

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 247924
Conc: 7.87 ng/ml



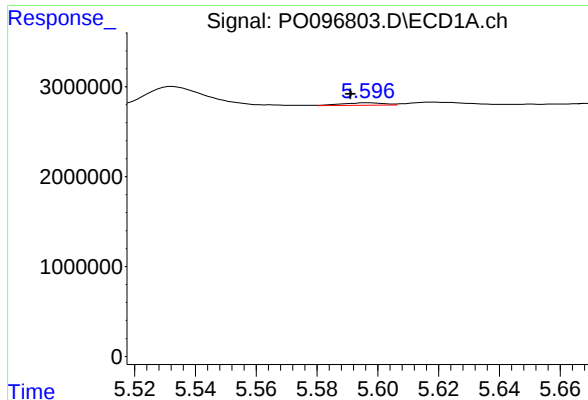
#20 AR-1242-5

R.T.: 6.497 min
Delta R.T.: -0.030 min
Response: 193912
Conc: 3.52 ng/ml



#20 AR-1242-5

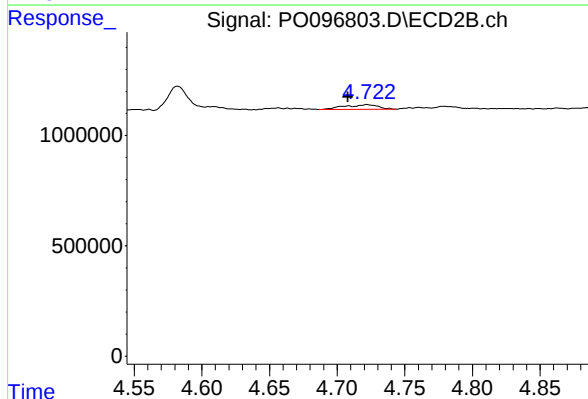
R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 357317
Conc: 9.81 ng/ml



#21 AR-1248-1

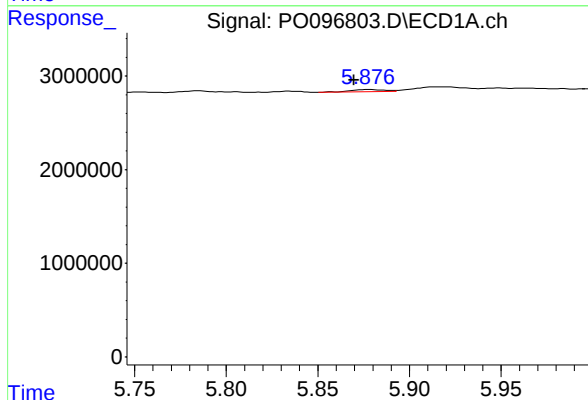
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 277774
Conc: 4.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



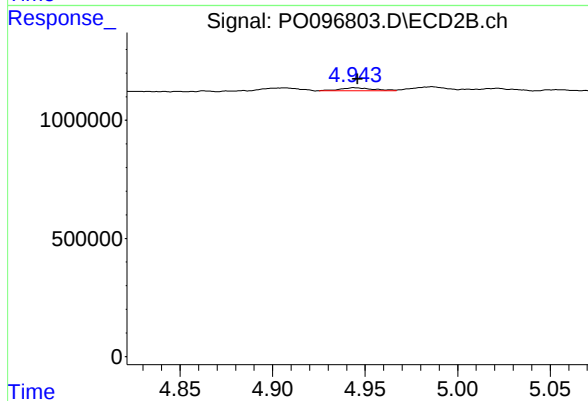
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.014 min
Response: 387906
Conc: 13.82 ng/ml



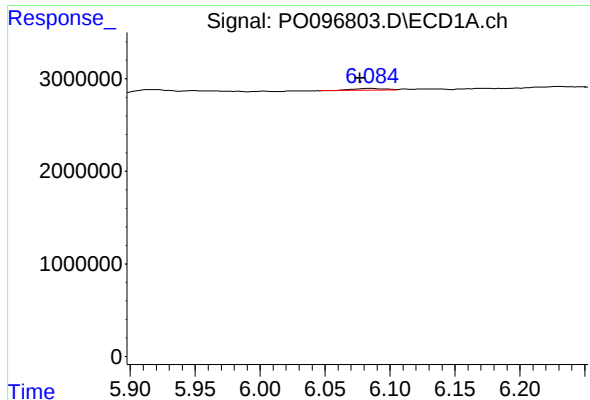
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 315188
Conc: 3.35 ng/ml



#22 AR-1248-2

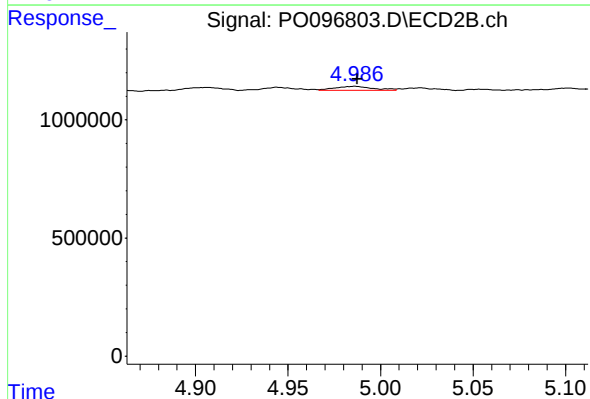
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 166216
Conc: 3.92 ng/ml



#23 AR-1248-3

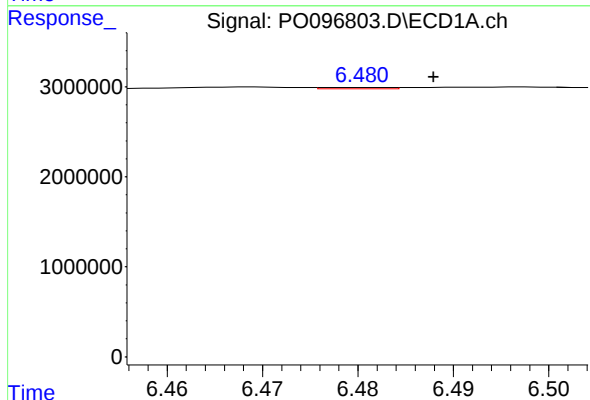
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 342879
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



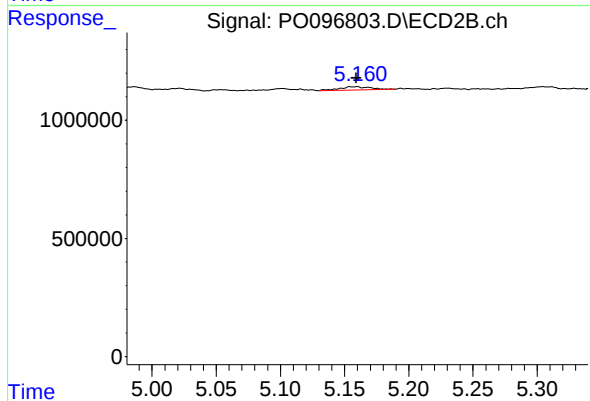
#23 AR-1248-3

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 247924
Conc: 5.65 ng/ml



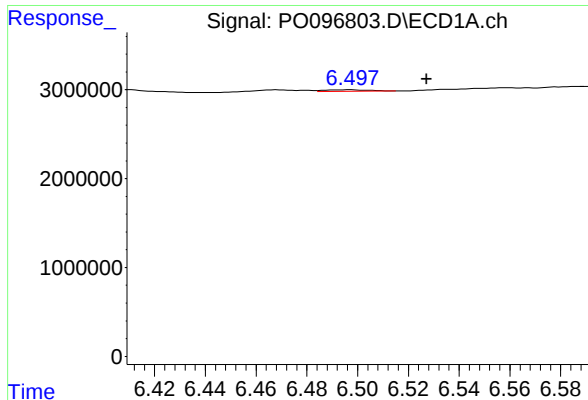
#24 AR-1248-4

R.T.: 6.480 min
Delta R.T.: -0.008 min
Response: 71034
Conc: 0.78 ng/ml



#24 AR-1248-4

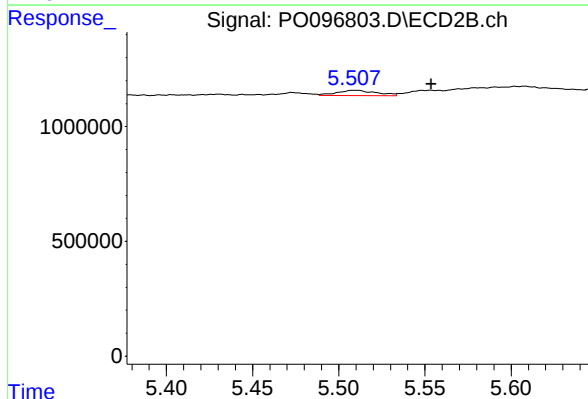
R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 227248
Conc: 4.45 ng/ml



#25 AR-1248-5

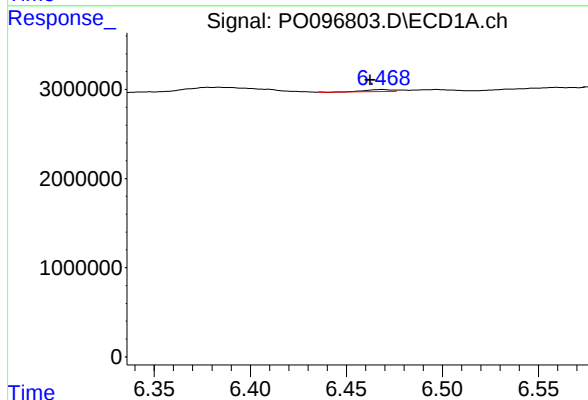
R.T.: 6.497 min
Delta R.T.: -0.030 min
Response: 193912
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



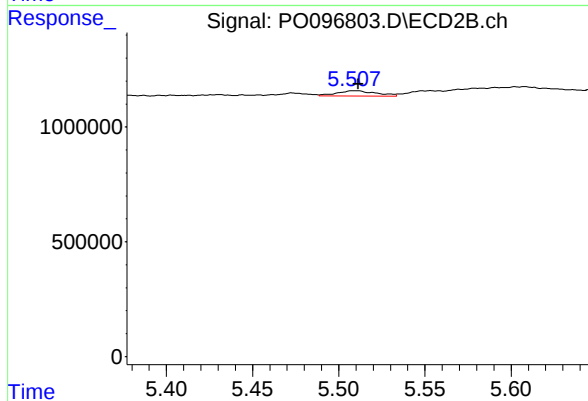
#25 AR-1248-5

R.T.: 5.509 min
Delta R.T.: -0.044 min
Response: 357317
Conc: 7.64 ng/ml



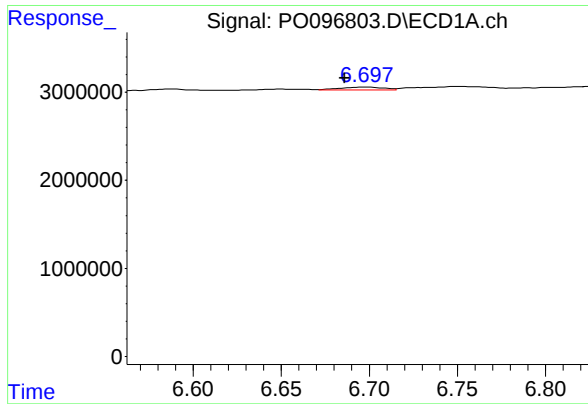
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 199309
Conc: 1.82 ng/ml



#26 AR-1254-1

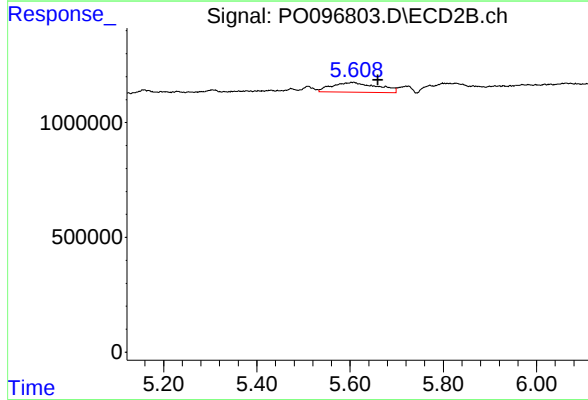
R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 357317
Conc: 4.84 ng/ml



#27 AR-1254-2

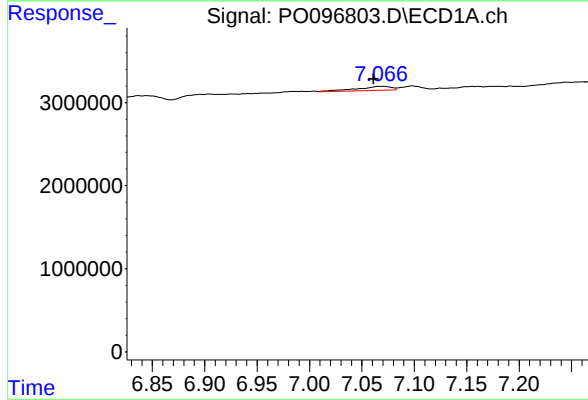
R.T.: 6.697 min
Delta R.T.: 0.011 min
Response: 534340
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



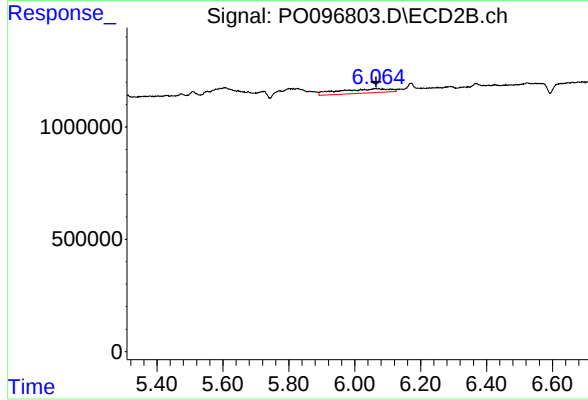
#27 AR-1254-2

R.T.: 5.606 min
Delta R.T.: -0.053 min
Response: 2843929
Conc: 43.17 ng/ml



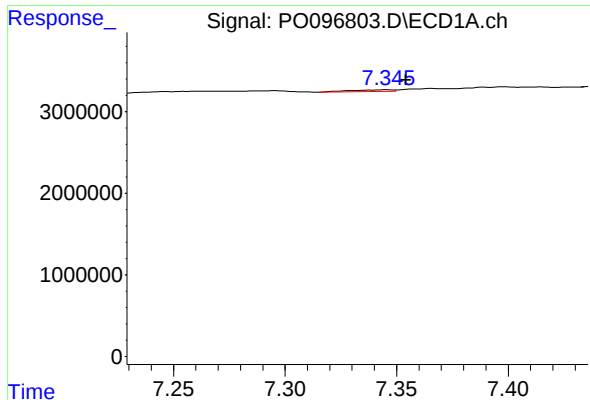
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: 0.006 min
Response: 1132661
Conc: 7.23 ng/ml



#28 AR-1254-3

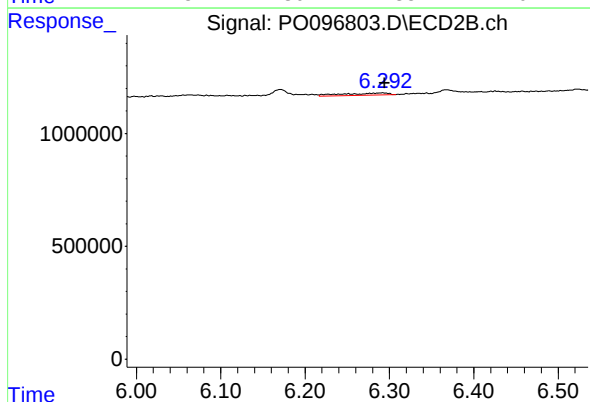
R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 2046828
Conc: 20.25 ng/ml



#29 AR-1254-4

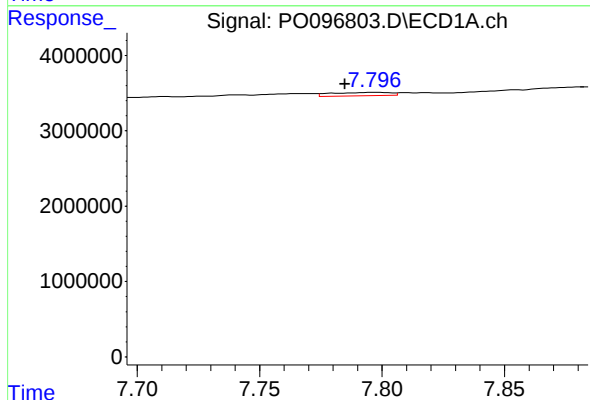
R.T.: 7.346 min
Delta R.T.: -0.009 min
Response: 268429
Conc: 2.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



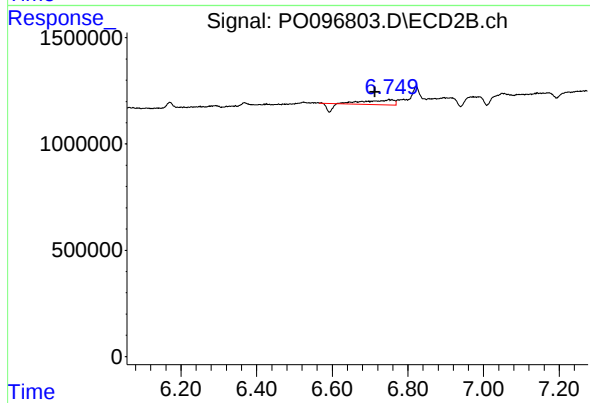
#29 AR-1254-4

R.T.: 6.291 min
Delta R.T.: -0.003 min
Response: 358427
Conc: 6.19 ng/ml



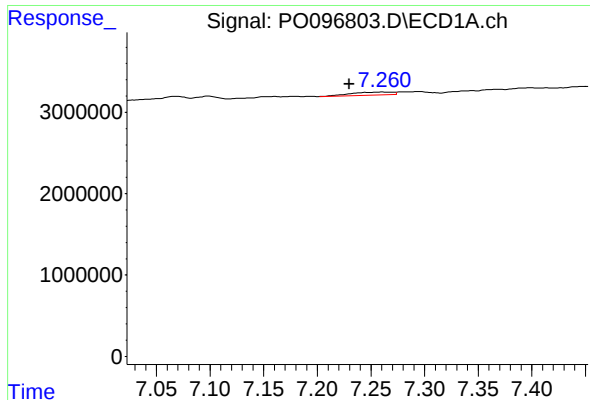
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 794902
Conc: 7.08 ng/ml



#30 AR-1254-5

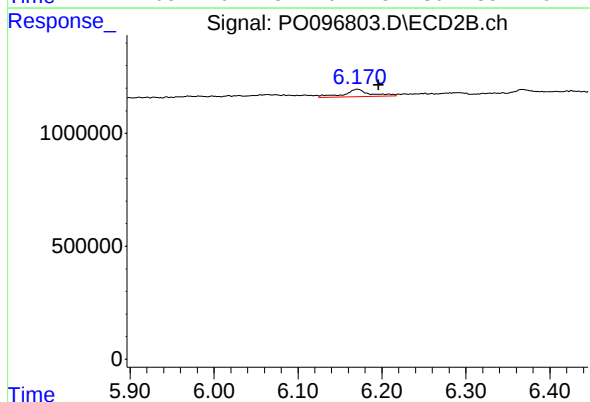
R.T.: 6.750 min
Delta R.T.: 0.037 min
Response: 864577
Conc: 9.83 ng/ml



#31 AR-1260-1

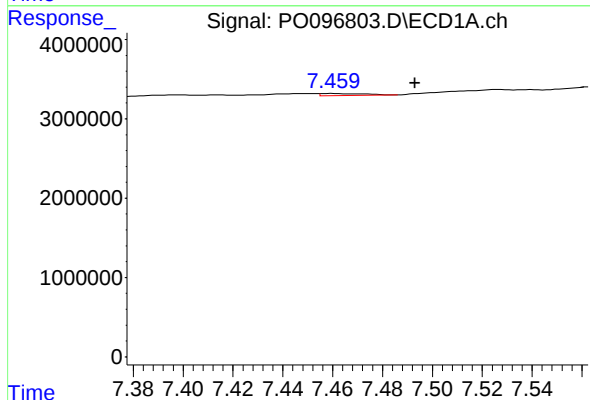
R.T.: 7.260 min
Delta R.T.: 0.031 min
Response: 955920
Conc: 7.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



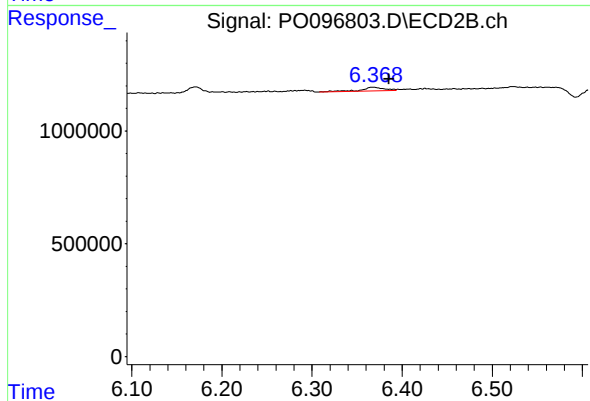
#31 AR-1260-1

R.T.: 6.171 min
Delta R.T.: -0.025 min
Response: 718243
Conc: 10.21 ng/ml



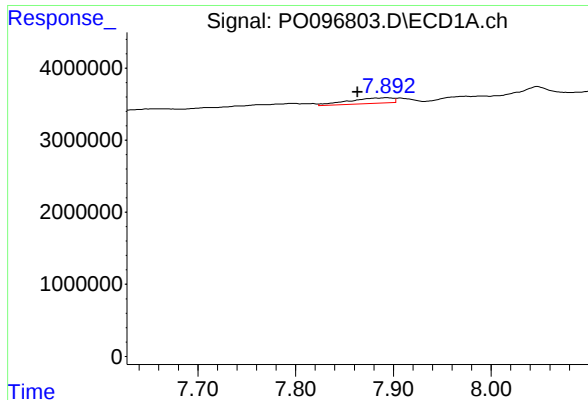
#32 AR-1260-2

R.T.: 7.460 min
Delta R.T.: -0.033 min
Response: 320021
Conc: 2.38 ng/ml



#32 AR-1260-2

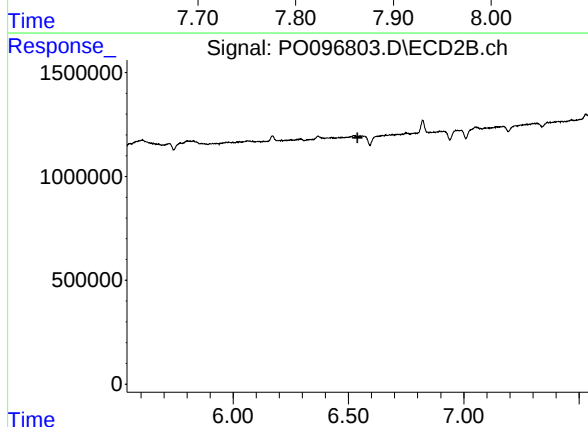
R.T.: 6.368 min
Delta R.T.: -0.017 min
Response: 289068
Conc: 3.46 ng/ml



#33 AR-1260-3

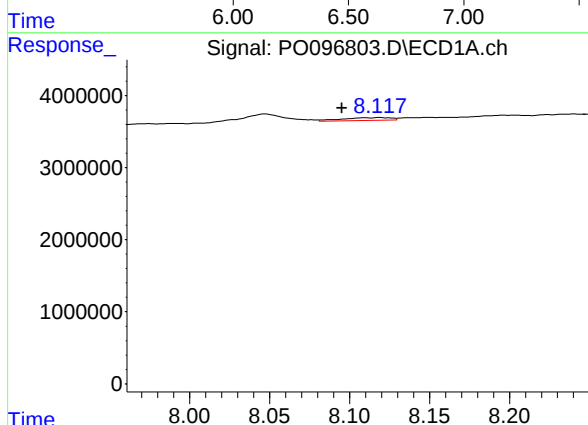
R.T.: 7.893 min
Delta R.T.: 0.030 min
Response: 2414484
Conc: 23.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



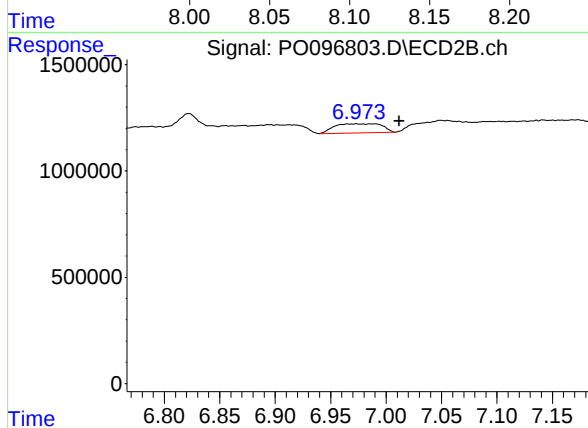
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.539 min
Response: 0
Conc: N.D.



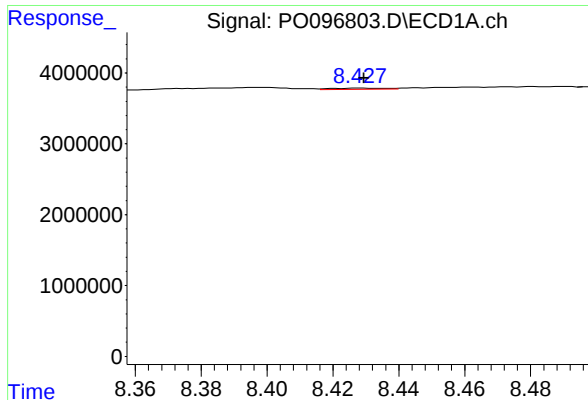
#34 AR-1260-4

R.T.: 8.119 min
Delta R.T.: 0.023 min
Response: 818058
Conc: 7.32 ng/ml



#34 AR-1260-4

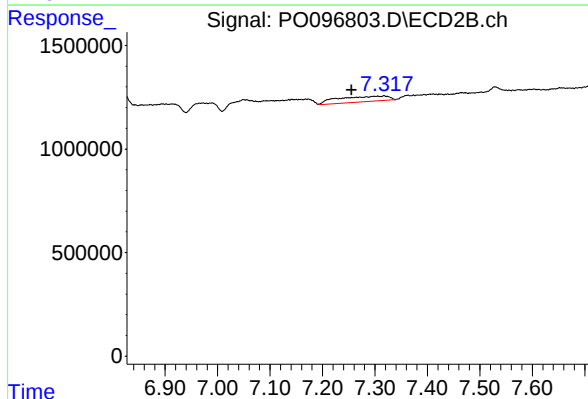
R.T.: 6.988 min
Delta R.T.: -0.024 min
Response: 1282735
Conc: 20.02 ng/ml



#35 AR-1260-5

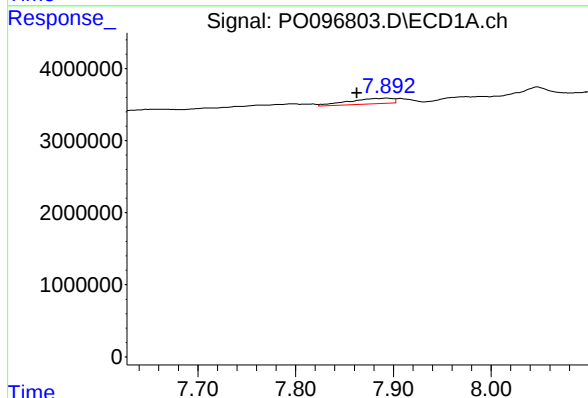
R.T.: 8.428 min
Delta R.T.: -0.001 min
Response: 214770
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



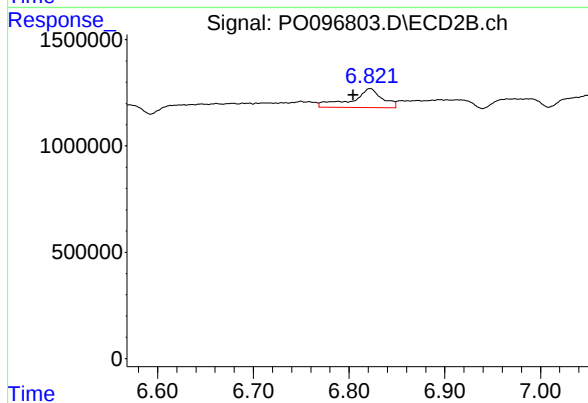
#35 AR-1260-5

R.T.: 7.318 min
Delta R.T.: 0.062 min
Response: 1737076
Conc: 12.53 ng/ml



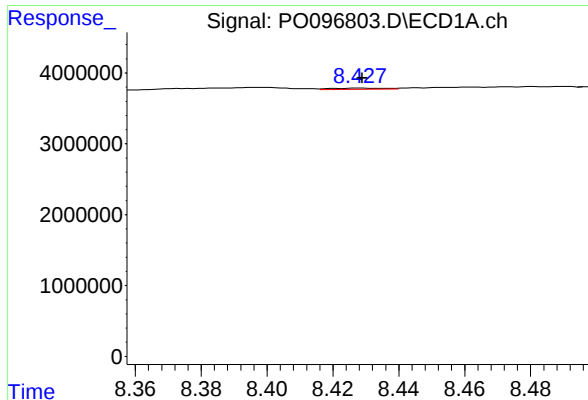
#36 AR-1262-1

R.T.: 7.893 min
Delta R.T.: 0.031 min
Response: 2414484
Conc: 16.26 ng/ml



#36 AR-1262-1

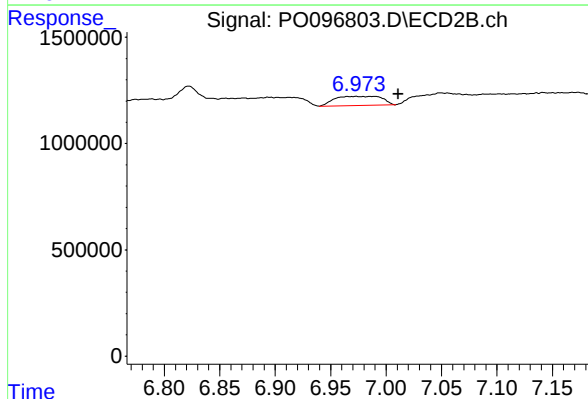
R.T.: 6.822 min
Delta R.T.: 0.018 min
Response: 1975806
Conc: 50.19 ng/ml



#37 AR-1262-2

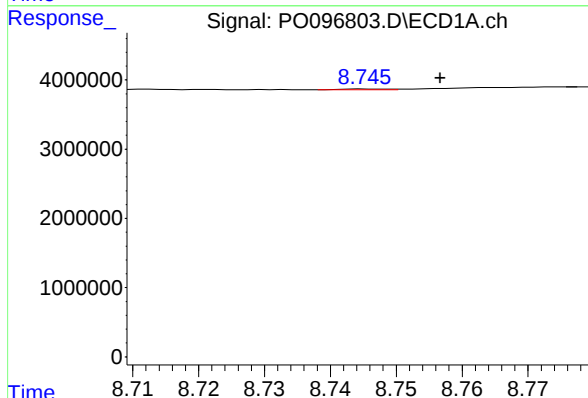
R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 214770
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



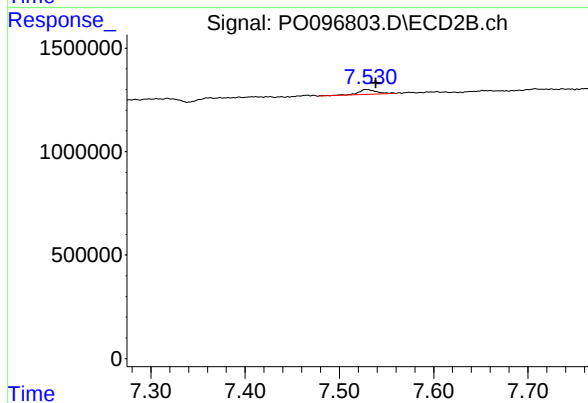
#37 AR-1262-2

R.T.: 6.988 min
Delta R.T.: -0.023 min
Response: 1282735
Conc: 15.82 ng/ml



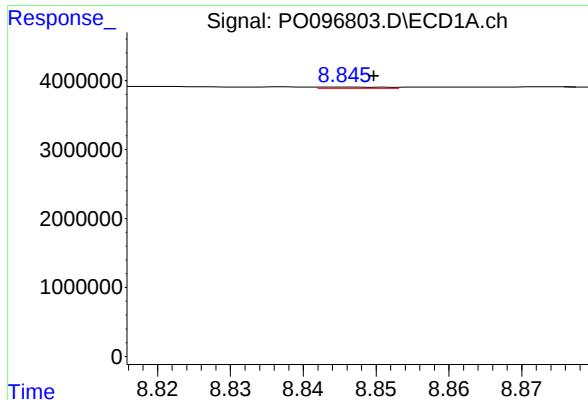
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: -0.011 min
Response: 47650
Conc: 0.29 ng/ml



#38 AR-1262-3

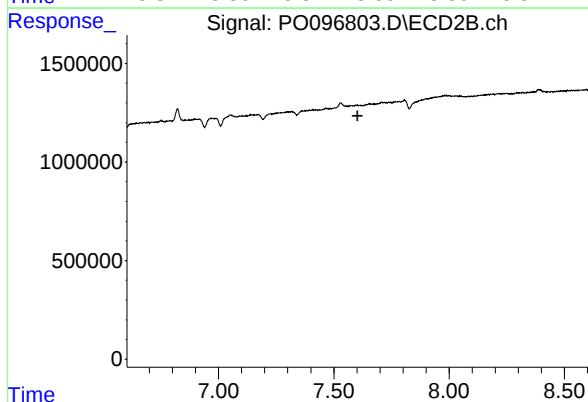
R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 324528
Conc: 5.06 ng/ml



#39 AR-1262-4

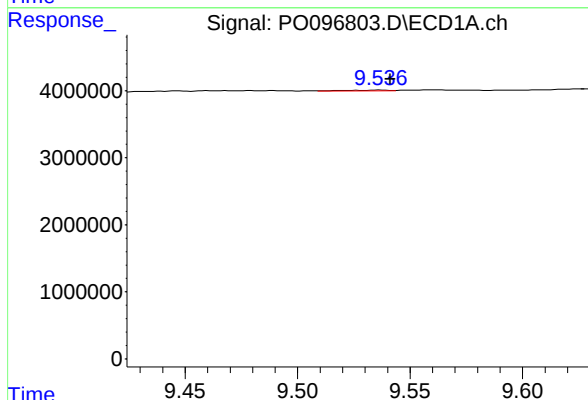
R.T.: 8.846 min
Delta R.T.: -0.004 min
Response: 111486
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



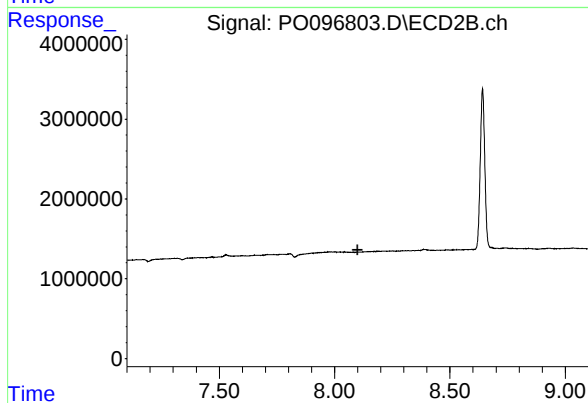
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.603 min
Response: 0
Conc: N.D.



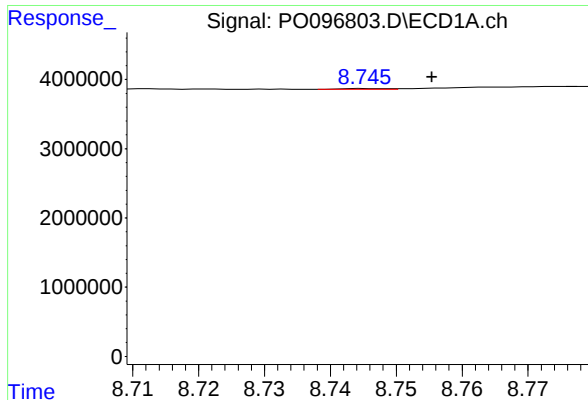
#40 AR-1262-5

R.T.: 9.537 min
Delta R.T.: -0.005 min
Response: 148230
Conc: 1.78 ng/ml



#40 AR-1262-5

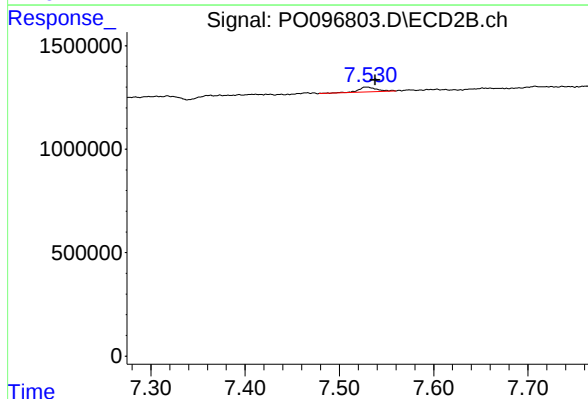
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

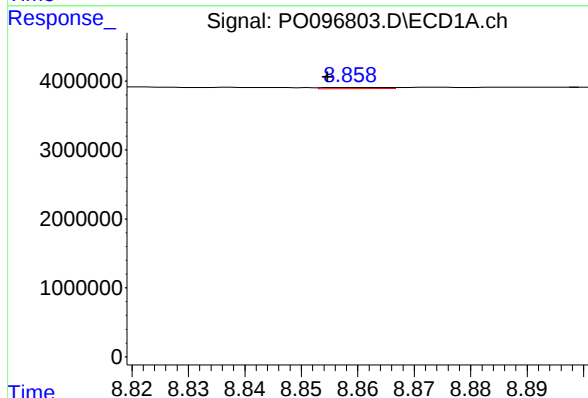
R.T.: 8.746 min
Delta R.T.: -0.010 min
Response: 47650
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



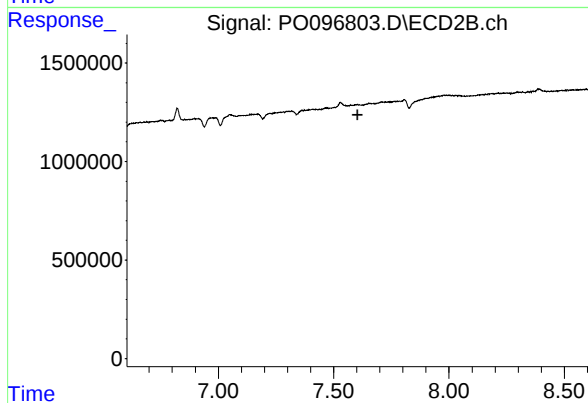
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 324528
Conc: 1.75 ng/ml



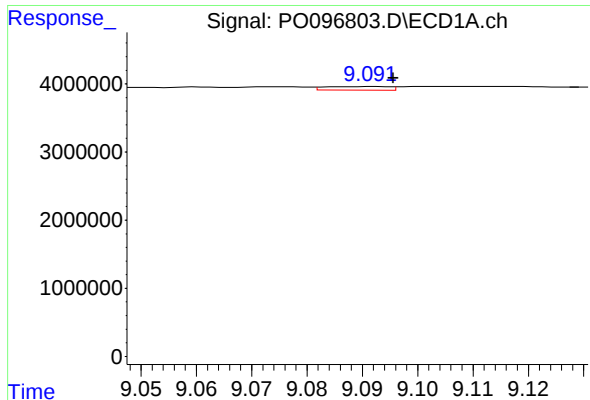
#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: 0.007 min
Response: 114288
Conc: 0.42 ng/ml



#42 AR-1268-2

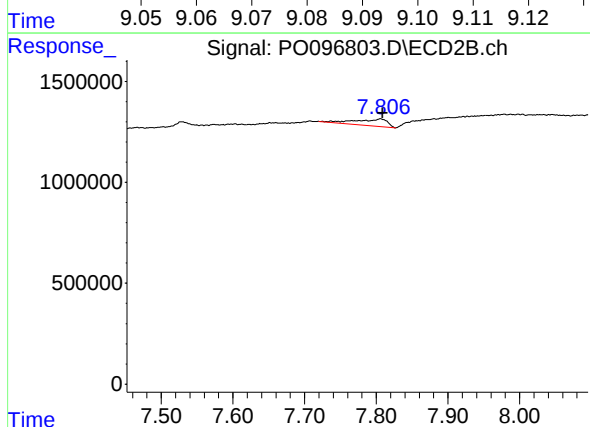
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.



#43 AR-1268-3

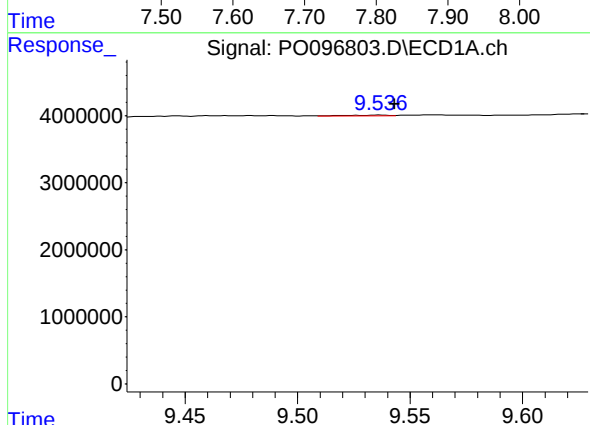
R.T.: 9.092 min
Delta R.T.: -0.004 min
Response: 424077
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



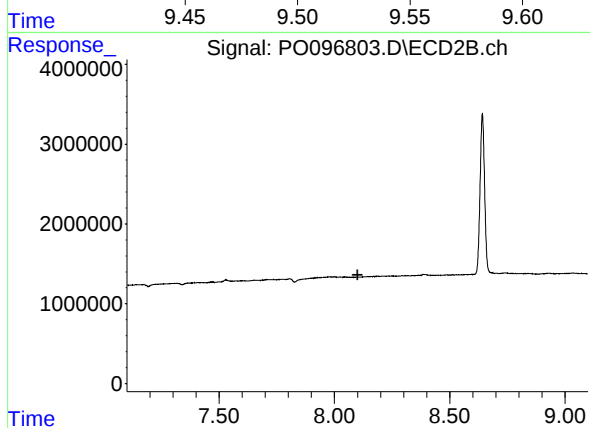
#43 AR-1268-3

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 1088765
Conc: 7.54 ng/ml



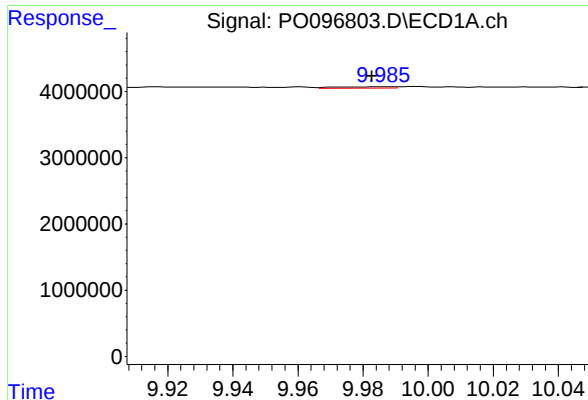
#44 AR-1268-4

R.T.: 9.537 min
Delta R.T.: -0.007 min
Response: 148230
Conc: 1.60 ng/ml



#44 AR-1268-4

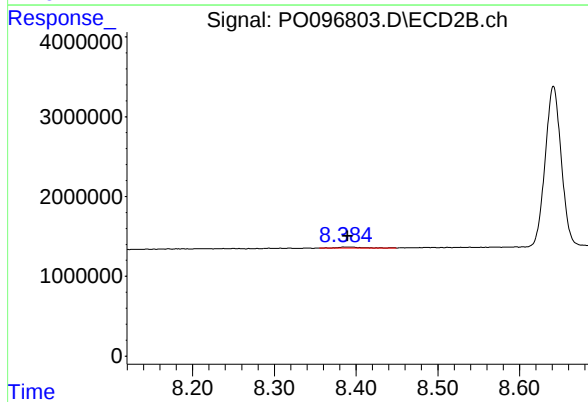
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.986 min
Delta R.T.: 0.003 min
Response: 249437
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.001 min
Response: 257486
Conc: 0.62 ng/ml