

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0073123\
 Data File : P0096506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2023 15:34
 Operator : YP/AJ
 Sample : 03798-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 20:25:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.417	3.625	42212976	17038526	12.634	12.028
2)	SA Decachlor...	10.249	8.652	15811631	9522744	7.146	8.095
Target Compounds							
3)	L1 AR-1016-1	5.597	4.730	239897	319694	2.560	7.073 #
4)	L1 AR-1016-2	5.623	4.730	505945	319694	3.792	5.089 #
5)	L1 AR-1016-3	5.695	4.951f	166235	298424	2.002	8.741 #
6)	L1 AR-1016-4	5.784	4.951	49044	298424	0.722	10.223 #
7)	L1 AR-1016-5	6.084	5.164	439398	164311	6.137	4.323 #
8)	L2 AR-1221-1	4.626	3.787f	3007132	189349	73.082	10.103 #
9)	L2 AR-1221-2	4.726	3.924	589559	1377819	19.613	97.286 #
10)	L2 AR-1221-3	4.826	0.000	508642	0	5.791	N.D. #
11)	L3 AR-1232-1	4.826	0.000	508642	0	7.072	N.D. #
12)	L3 AR-1232-2	5.327	4.730	823466	319694	20.971	10.901 #
13)	L3 AR-1232-3	5.623	4.951f	505945	298424	8.302	19.146 #
14)	L3 AR-1232-4	5.784	4.991	49044	310475	1.616	20.433 #
15)	L3 AR-1232-5	5.876	5.164	757213	164311	27.220	9.864 #
16)	L4 AR-1242-1	5.597	4.730	239897	319694	2.960	8.160 #
17)	L4 AR-1242-2	5.623	4.730	505945	319694	4.422	5.946 #
18)	L4 AR-1242-3	5.695	4.951f	166235	298424	2.335	10.151 #
19)	L4 AR-1242-4	5.784	4.991	49044	310475	0.849	9.905 #
20)	L4 AR-1242-5	6.546	5.519	383897	807294	6.924	22.377 #
21)	L5 AR-1248-1	5.597	4.730	239897	319694	4.177	11.444 #
22)	L5 AR-1248-2	5.876	4.951	757213	298424	8.165	7.078
23)	L5 AR-1248-3	6.084	4.991	439398	310475	4.460	7.066 #
24)	L5 AR-1248-4	6.489	5.164	420486	164311	4.530	3.205 #
25)	L5 AR-1248-5	6.546	5.561	383897	365879	4.157	7.795 #
26)	L6 AR-1254-1	6.464	5.519	860505	807294	8.137	10.986 #
27)	L6 AR-1254-2	6.684	5.667	1721541	697403	11.096	10.685
28)	L6 AR-1254-3	7.055	6.072	2701085	1288861	17.698	12.773 #
29)	L6 AR-1254-4	7.339	6.301	1320472	566772	13.510	9.501 #
30)	L6 AR-1254-5	7.760	6.717	993251	974636	9.014	11.227
31)	L7 AR-1260-1	7.219	6.203	1112500	1051359	8.550	14.427 #
32)	L7 AR-1260-2	7.468	6.389	2784980	901265	20.328	10.421 #
33)	L7 AR-1260-3	7.760	6.545	993251	515204	6.496	6.438
34)	L7 AR-1260-4	8.071	7.017	1407389	390292	11.558	5.977 #
35)	L7 AR-1260-5	8.391	7.261	790785	572933	3.596	4.043
36)	L8 AR-1262-1	7.839	6.831	966597	322728	6.547	8.215 #
37)	L8 AR-1262-2	8.391	7.017	790785	390292	3.468	4.783 #
38)	L8 AR-1262-3	8.722	7.547	1366435	397663	8.220	6.215
39)	L8 AR-1262-4	8.811	7.609	255865	444146	1.979	3.921 #
40)	L8 AR-1262-5	9.471	8.108	180069	150960	2.111	2.901 #
41)	L9 AR-1268-1	8.722	7.547	1366435	397663	4.493	2.131 #

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 Operator : YP/AJ
 Sample : 03798-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

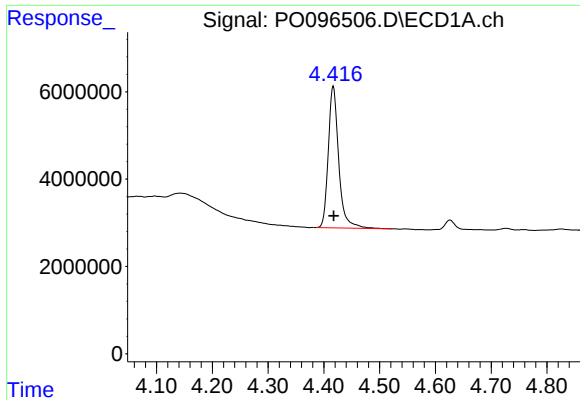
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 20:25:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.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	8.811	7.609	255865	444146	0.956	2.640 #
43) L9	AR-1268-3	9.047	7.822	199736	238079	0.798	1.624 #
44) L9	AR-1268-4	9.471	8.108	180069	150960	1.945	2.539 #
45) L9	AR-1268-5	9.899	8.406	76274	33528	0.096	0.078

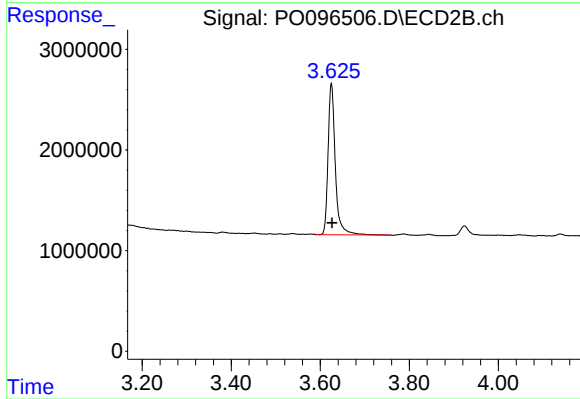
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

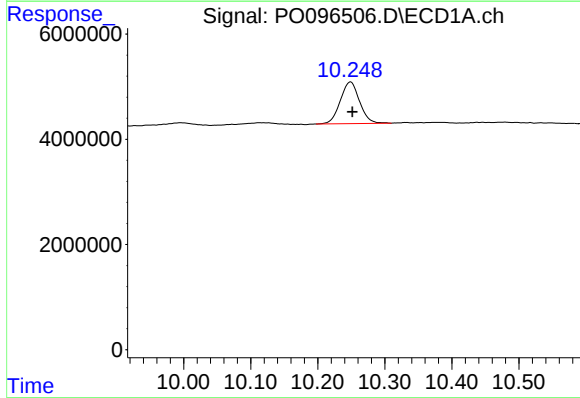
R.T.: 4.417 min
Delta R.T.: -0.001 min
Response: 42212976
Conc: 12.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



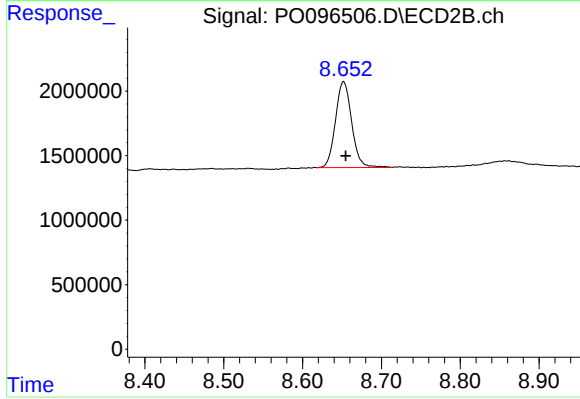
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 17038526
Conc: 12.03 ng/ml



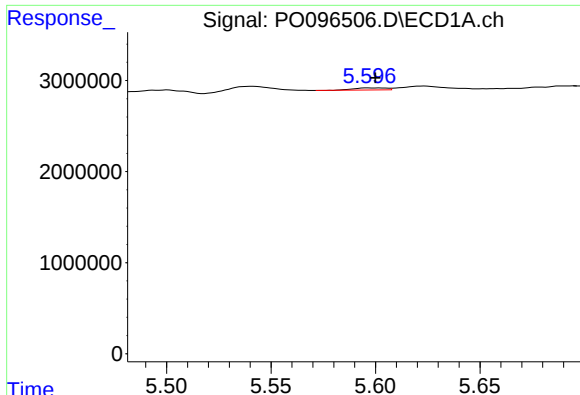
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.003 min
Response: 15811631
Conc: 7.15 ng/ml



#2 Decachlorobiphenyl

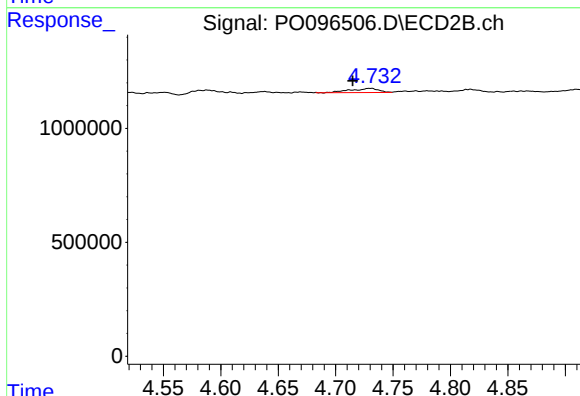
R.T.: 8.652 min
Delta R.T.: -0.003 min
Response: 9522744
Conc: 8.10 ng/ml



#3 AR-1016-1

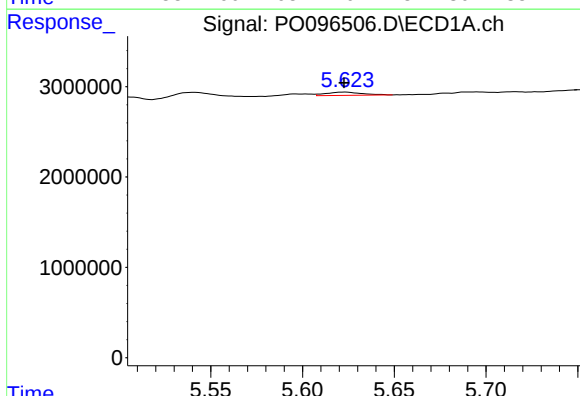
R.T.: 5.597 min
Delta R.T.: -0.003 min
Response: 239897
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



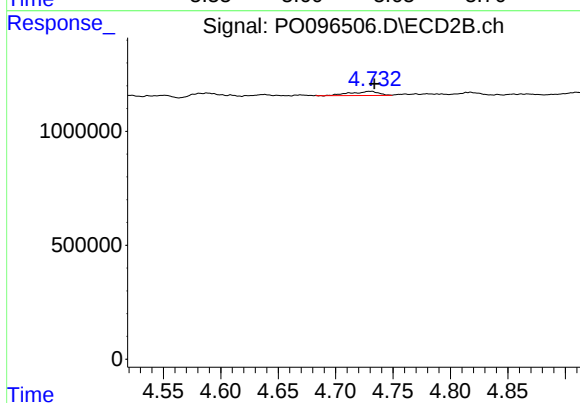
#3 AR-1016-1

R.T.: 4.730 min
Delta R.T.: 0.015 min
Response: 319694
Conc: 7.07 ng/ml



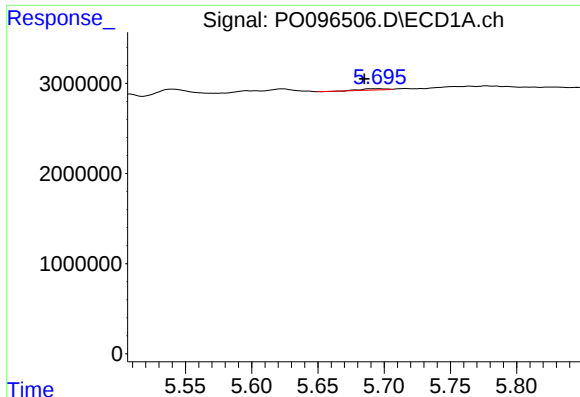
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 505945
Conc: 3.79 ng/ml



#4 AR-1016-2

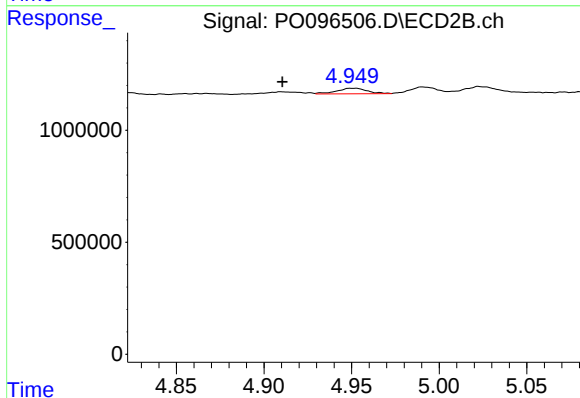
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 319694
Conc: 5.09 ng/ml



#5 AR-1016-3

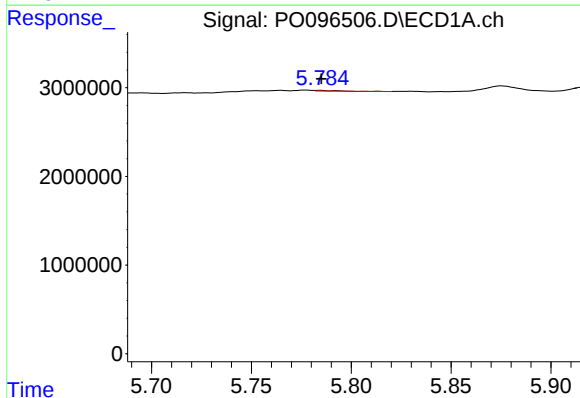
R.T.: 5.695 min
Delta R.T.: 0.010 min
Response: 166235
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



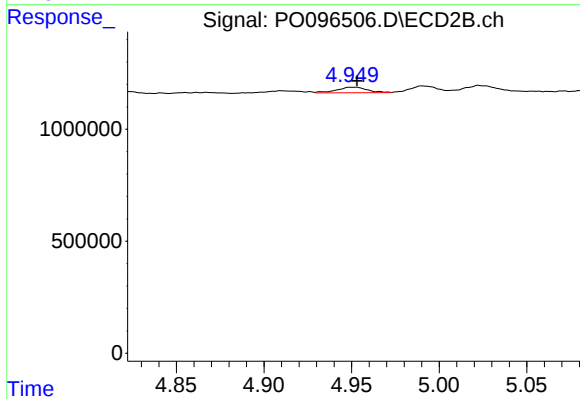
#5 AR-1016-3

R.T.: 4.951 min
Delta R.T.: 0.040 min
Response: 298424
Conc: 8.74 ng/ml



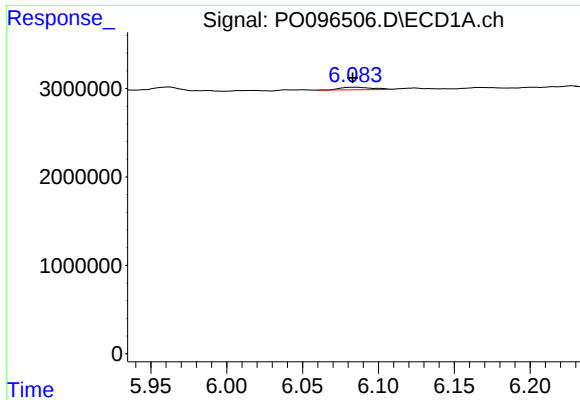
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 49044
Conc: 0.72 ng/ml



#6 AR-1016-4

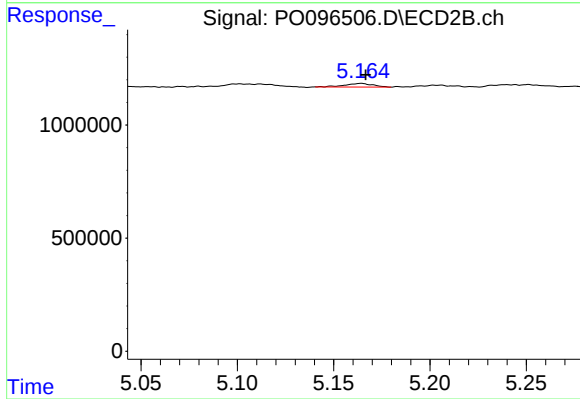
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 298424
Conc: 10.22 ng/ml



#7 AR-1016-5

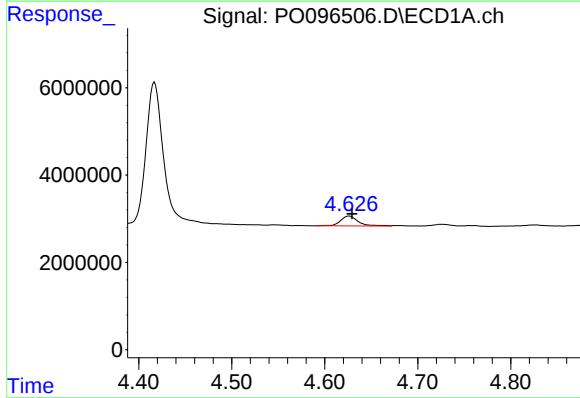
R.T.: 6.084 min
Delta R.T.: 0.001 min
Response: 439398
Conc: 6.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



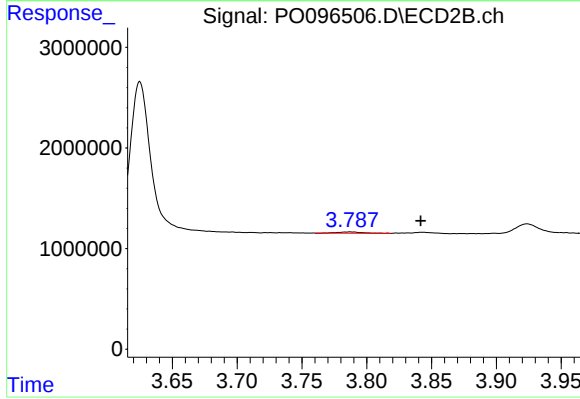
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 164311
Conc: 4.32 ng/ml



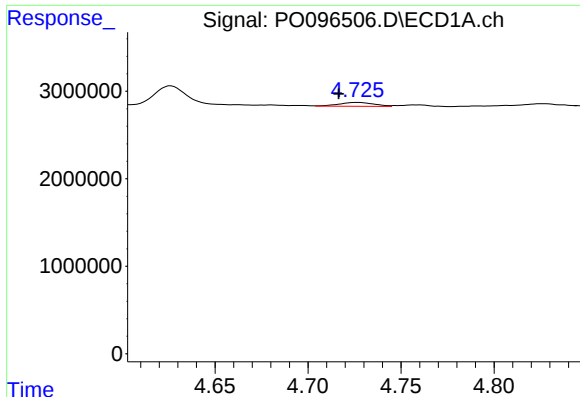
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 3007132
Conc: 73.08 ng/ml



#8 AR-1221-1

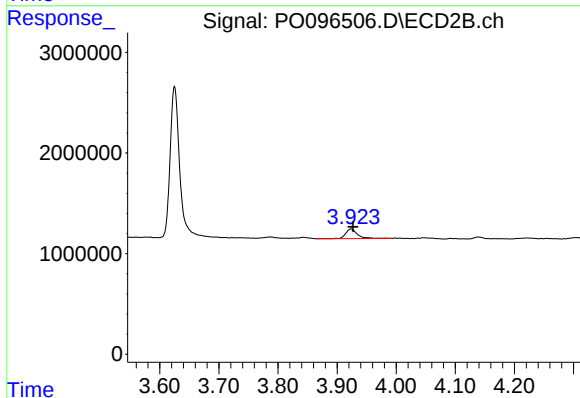
R.T.: 3.787 min
Delta R.T.: -0.054 min
Response: 189349
Conc: 10.10 ng/ml



#9 AR-1221-2

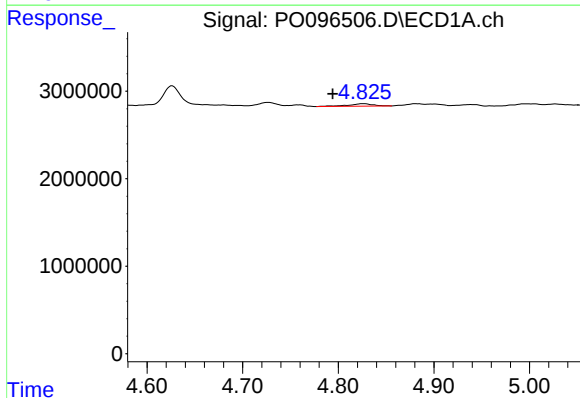
R.T.: 4.726 min
Delta R.T.: 0.010 min
Response: 589559
Conc: 19.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



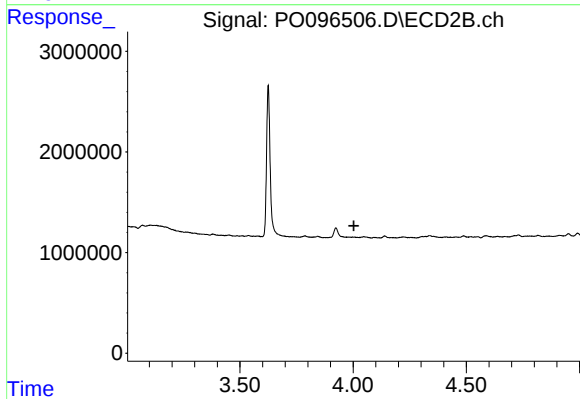
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.003 min
Response: 1377819
Conc: 97.29 ng/ml



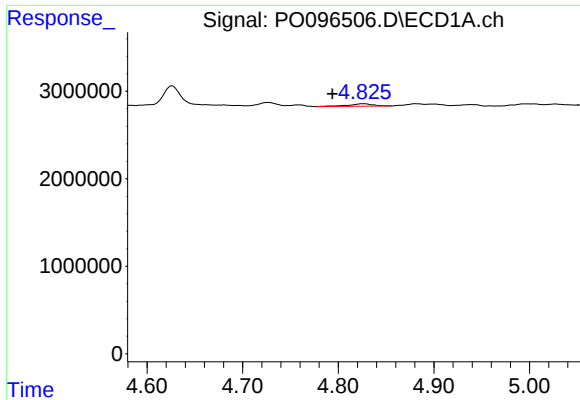
#10 AR-1221-3

R.T.: 4.826 min
Delta R.T.: 0.032 min
Response: 508642
Conc: 5.79 ng/ml



#10 AR-1221-3

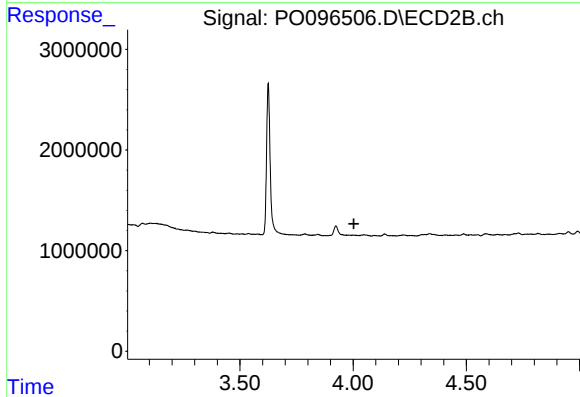
R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



#11 AR-1232-1

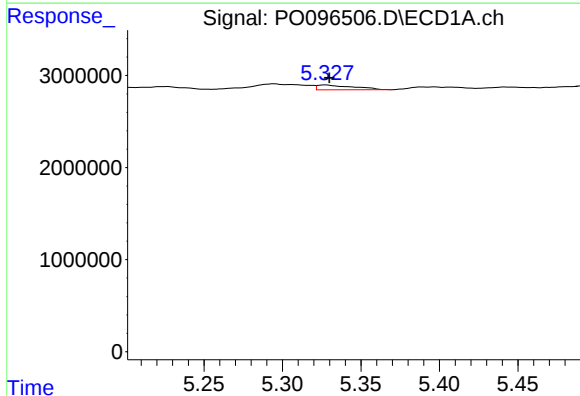
R.T.: 4.826 min
Delta R.T.: 0.033 min
Response: 508642
Conc: 7.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



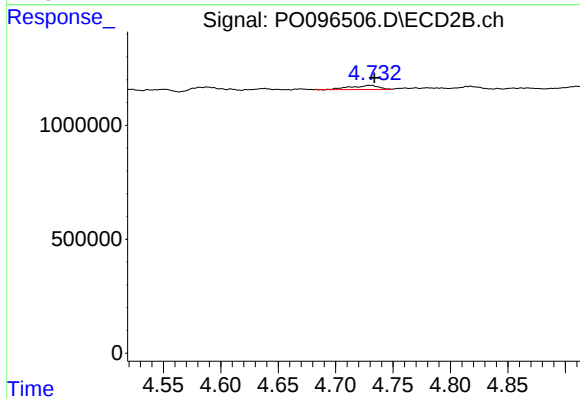
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



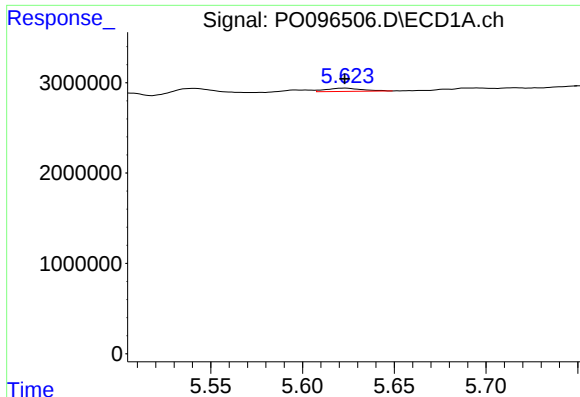
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 823466
Conc: 20.97 ng/ml



#12 AR-1232-2

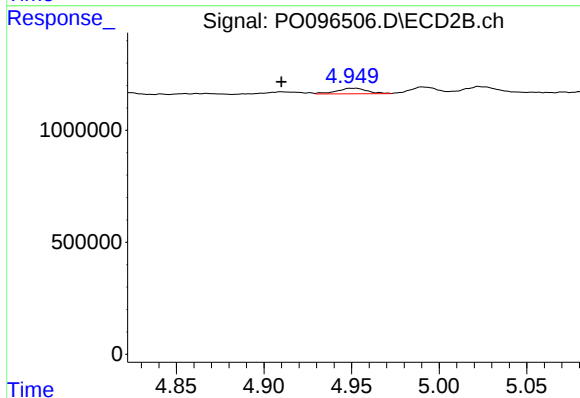
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 319694
Conc: 10.90 ng/ml



#13 AR-1232-3

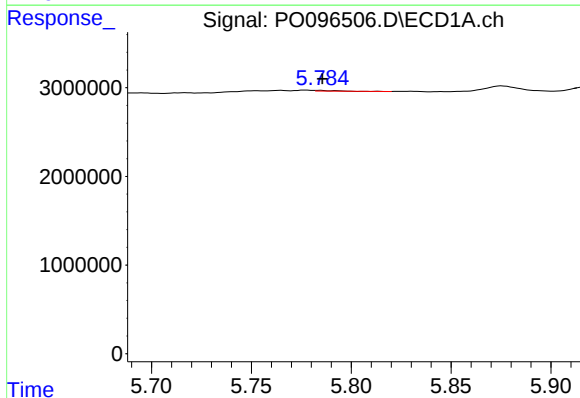
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 505945
Conc: 8.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



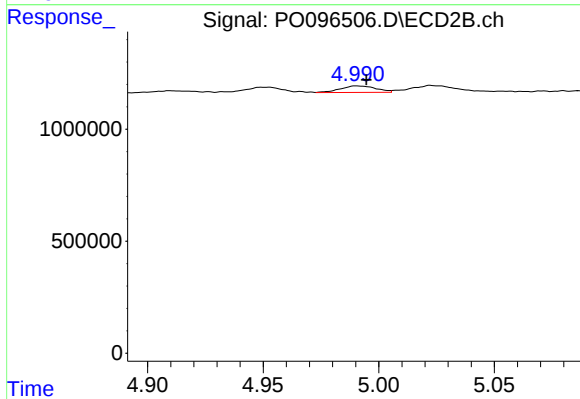
#13 AR-1232-3

R.T.: 4.951 min
Delta R.T.: 0.041 min
Response: 298424
Conc: 19.15 ng/ml



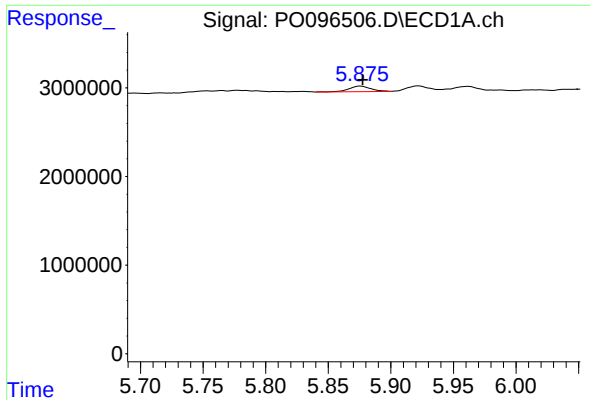
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 49044
Conc: 1.62 ng/ml



#14 AR-1232-4

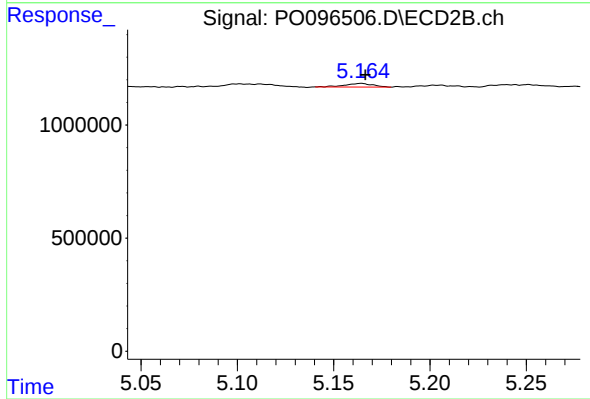
R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 310475
Conc: 20.43 ng/ml



#15 AR-1232-5

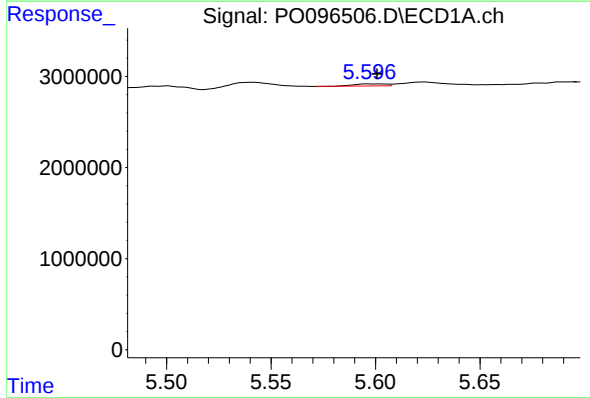
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 757213
Conc: 27.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



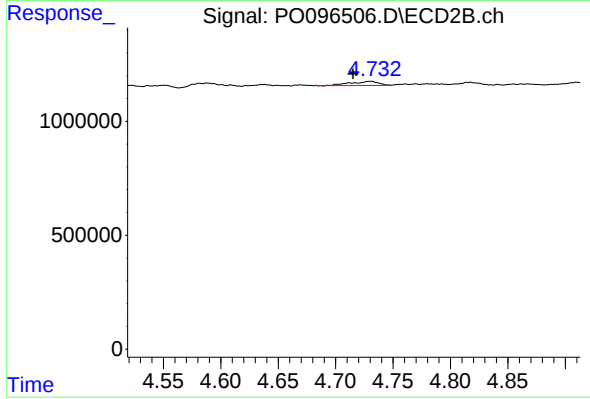
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 164311
Conc: 9.86 ng/ml



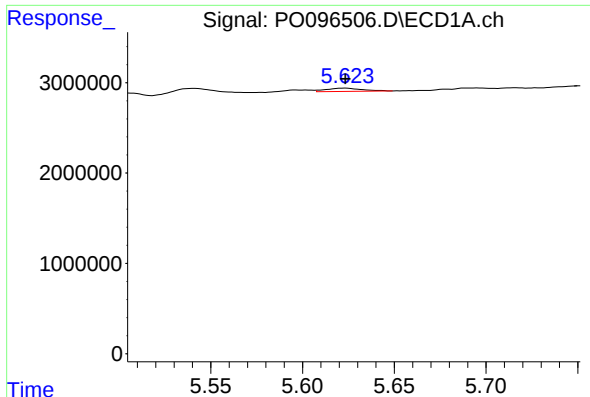
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 239897
Conc: 2.96 ng/ml



#16 AR-1242-1

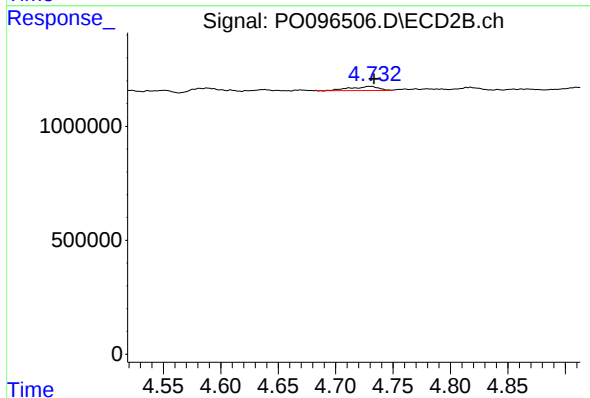
R.T.: 4.730 min
Delta R.T.: 0.015 min
Response: 319694
Conc: 8.16 ng/ml



#17 AR-1242-2

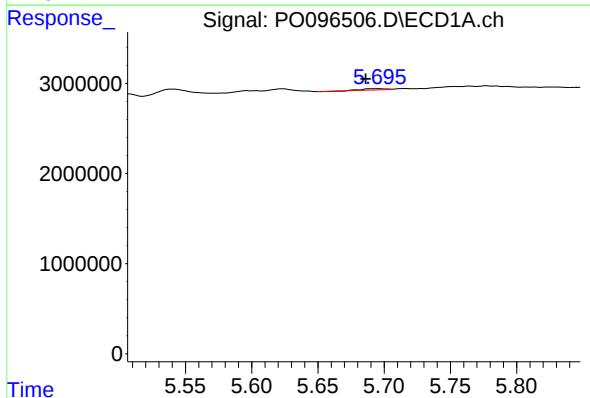
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 505945
Conc: 4.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



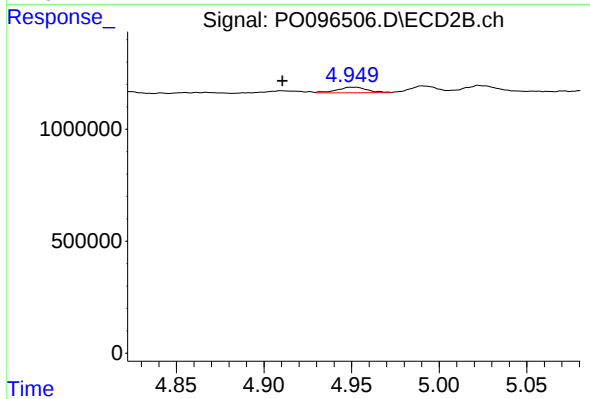
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 319694
Conc: 5.95 ng/ml



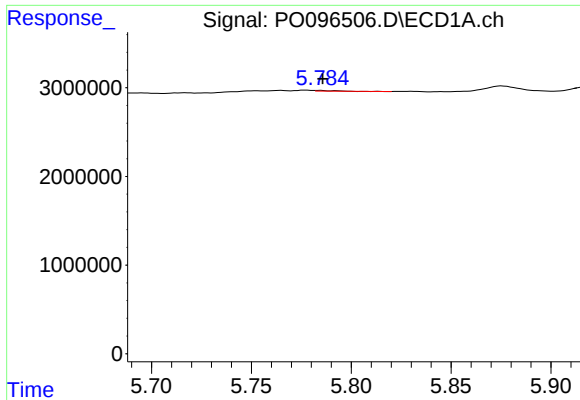
#18 AR-1242-3

R.T.: 5.695 min
Delta R.T.: 0.009 min
Response: 166235
Conc: 2.34 ng/ml



#18 AR-1242-3

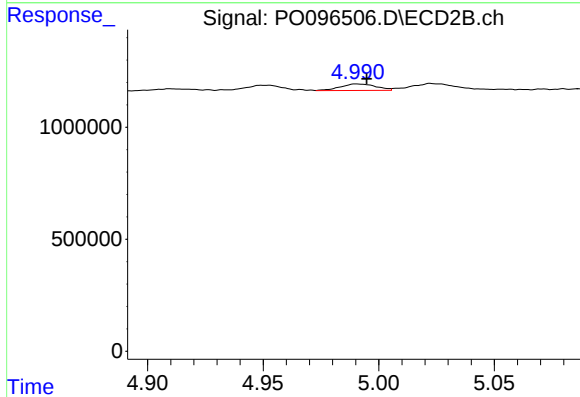
R.T.: 4.951 min
Delta R.T.: 0.040 min
Response: 298424
Conc: 10.15 ng/ml



#19 AR-1242-4

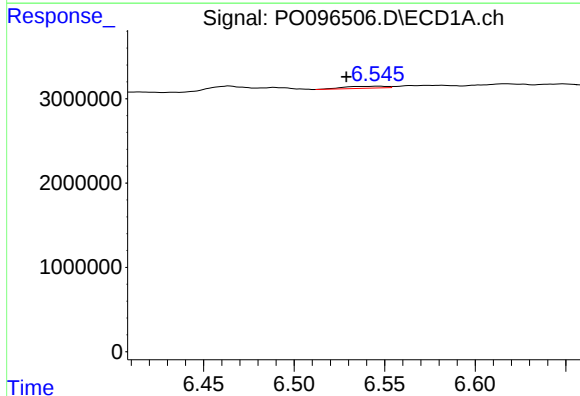
R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 49044
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



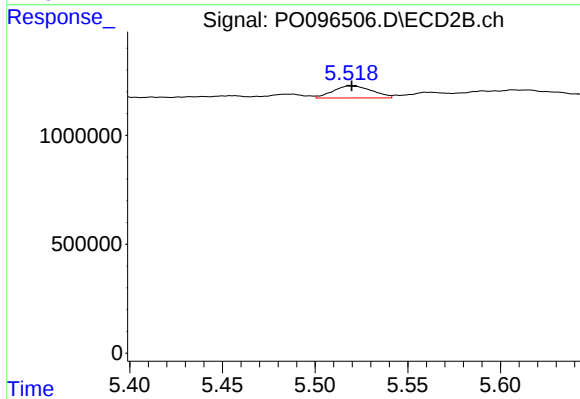
#19 AR-1242-4

R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 310475
Conc: 9.91 ng/ml



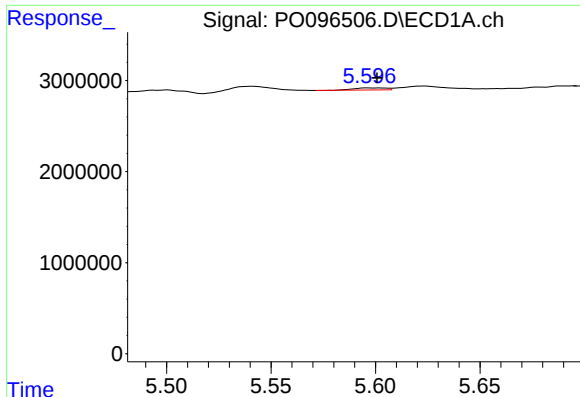
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: 0.017 min
Response: 383897
Conc: 6.92 ng/ml



#20 AR-1242-5

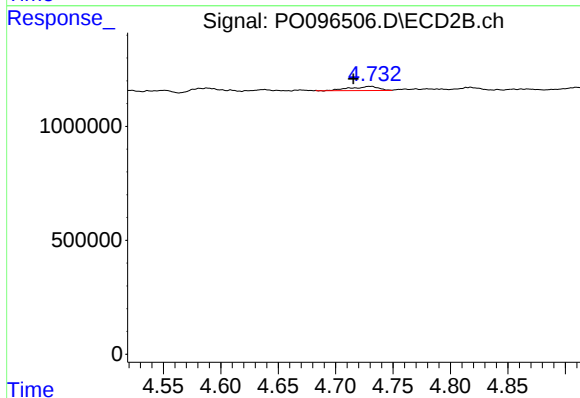
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 807294
Conc: 22.38 ng/ml



#21 AR-1248-1

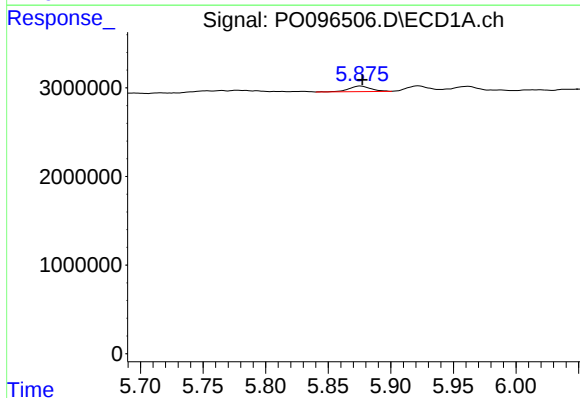
R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 239897
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



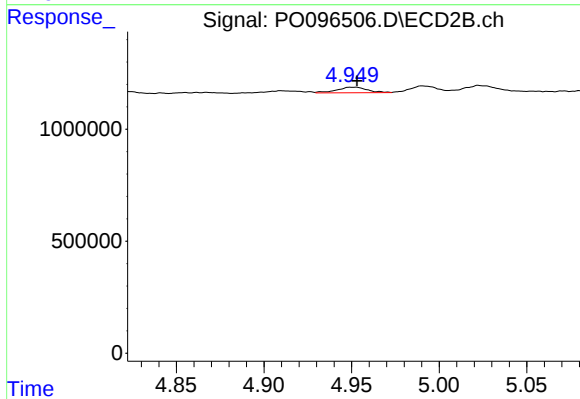
#21 AR-1248-1

R.T.: 4.730 min
Delta R.T.: 0.015 min
Response: 319694
Conc: 11.44 ng/ml



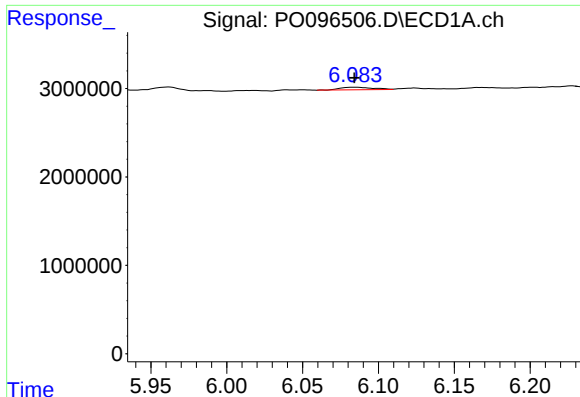
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 757213
Conc: 8.16 ng/ml



#22 AR-1248-2

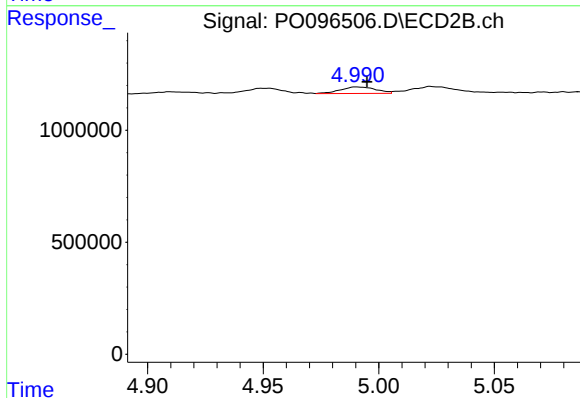
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 298424
Conc: 7.08 ng/ml



#23 AR-1248-3

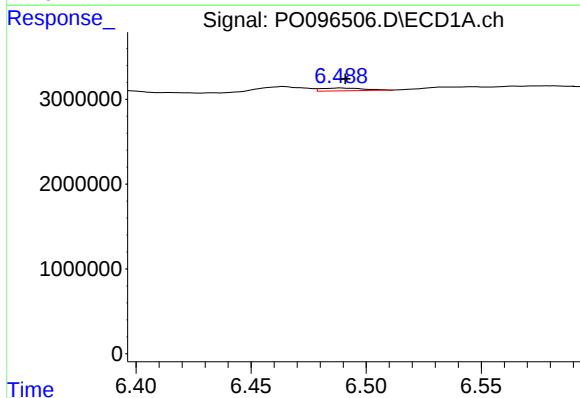
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 439398
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



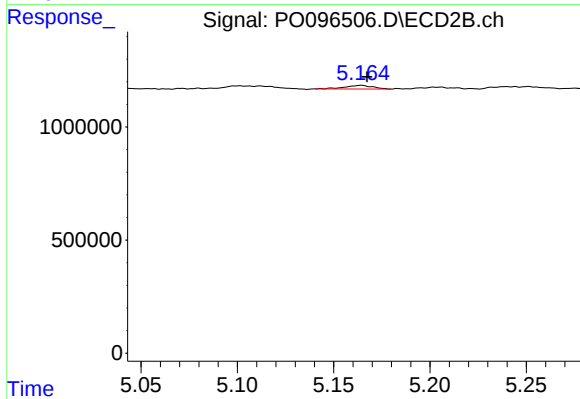
#23 AR-1248-3

R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 310475
Conc: 7.07 ng/ml



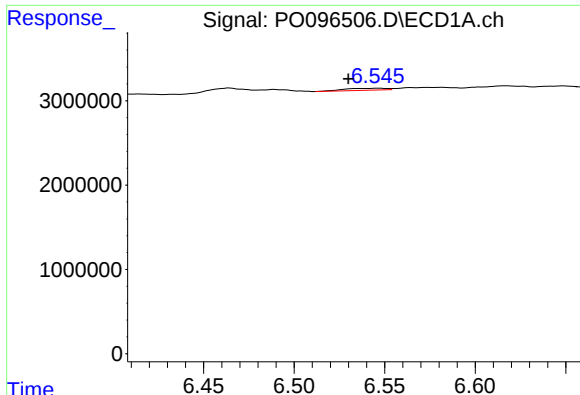
#24 AR-1248-4

R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 420486
Conc: 4.53 ng/ml



#24 AR-1248-4

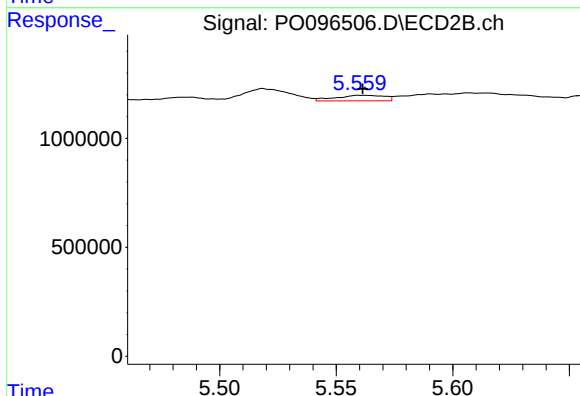
R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 164311
Conc: 3.20 ng/ml



#25 AR-1248-5

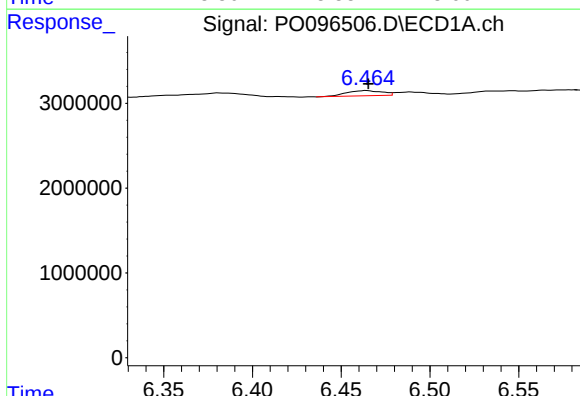
R.T.: 6.546 min
Delta R.T.: 0.016 min
Response: 383897
Conc: 4.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



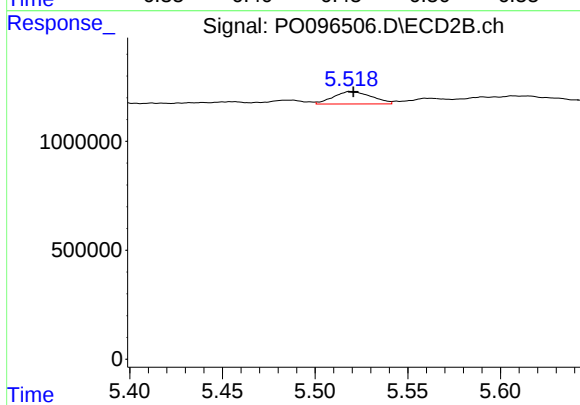
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 365879
Conc: 7.79 ng/ml



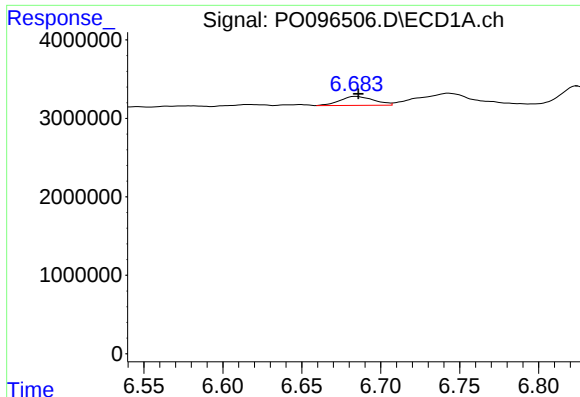
#26 AR-1254-1

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 860505
Conc: 8.14 ng/ml



#26 AR-1254-1

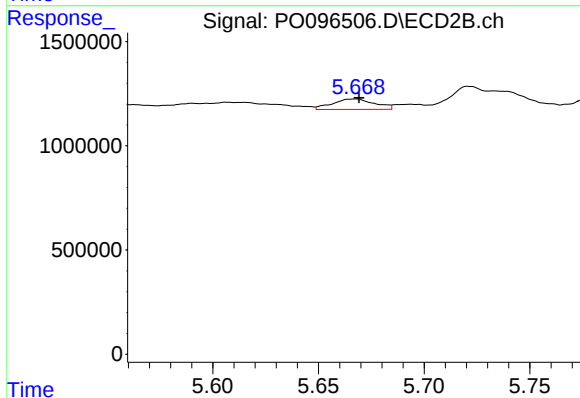
R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 807294
Conc: 10.99 ng/ml



#27 AR-1254-2

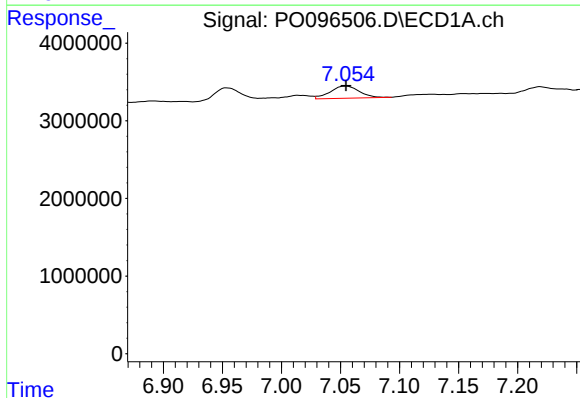
R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 1721541
Conc: 11.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



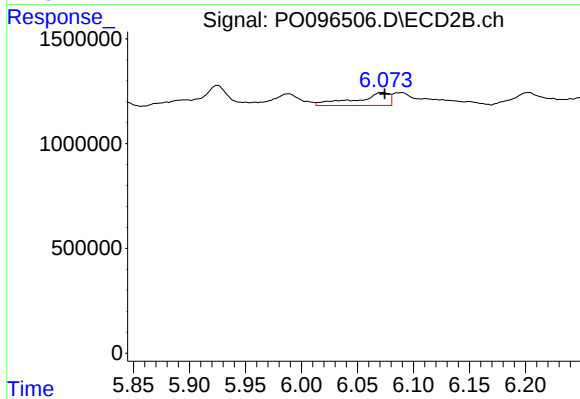
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 697403
Conc: 10.69 ng/ml



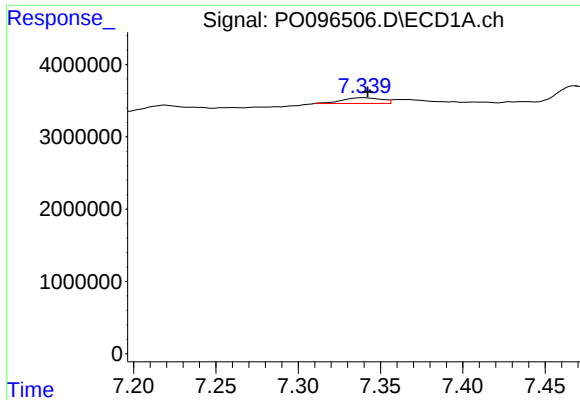
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 2701085
Conc: 17.70 ng/ml



#28 AR-1254-3

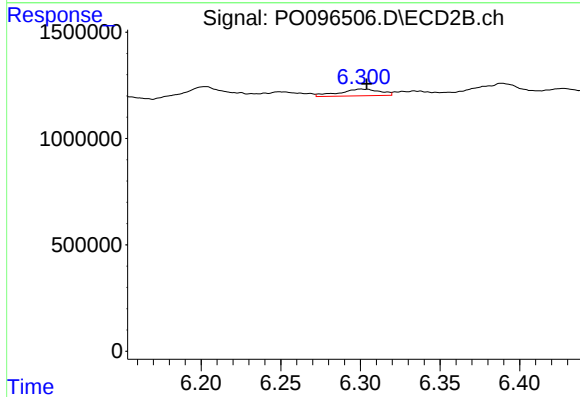
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1288861
Conc: 12.77 ng/ml



#29 AR-1254-4

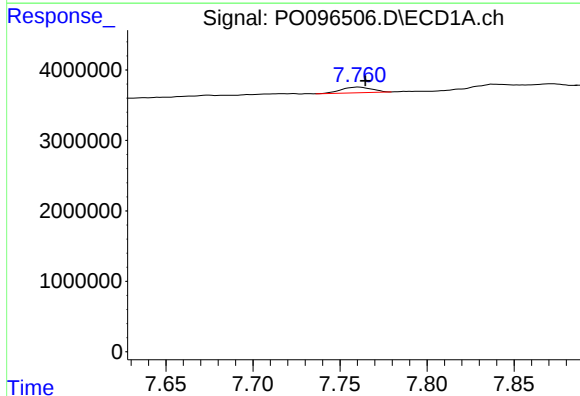
R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 1320472
Conc: 13.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



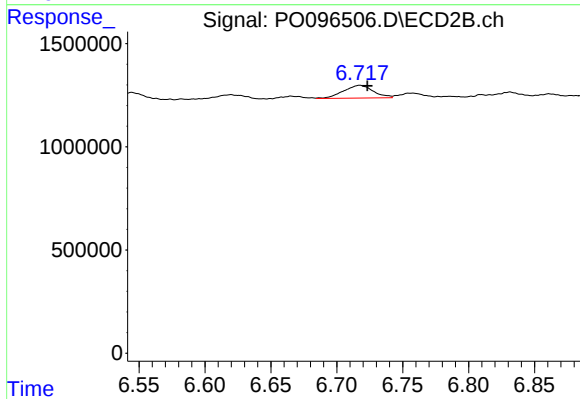
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 566772
Conc: 9.50 ng/ml



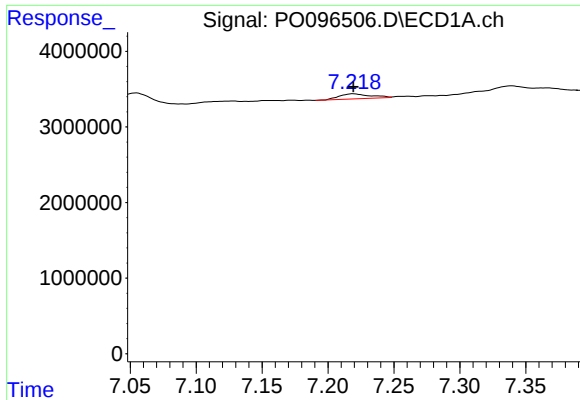
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: -0.004 min
Response: 993251
Conc: 9.01 ng/ml



#30 AR-1254-5

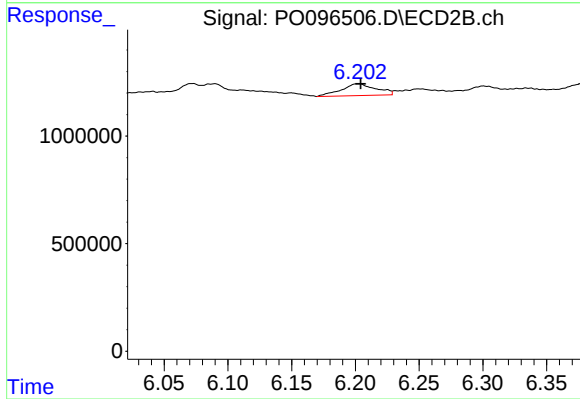
R.T.: 6.717 min
Delta R.T.: -0.006 min
Response: 974636
Conc: 11.23 ng/ml



#31 AR-1260-1

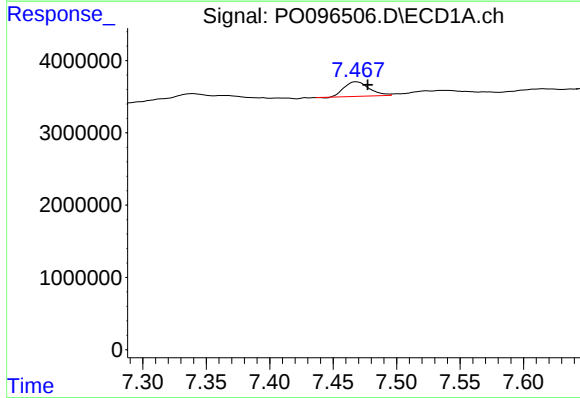
R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 1112500
Conc: 8.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



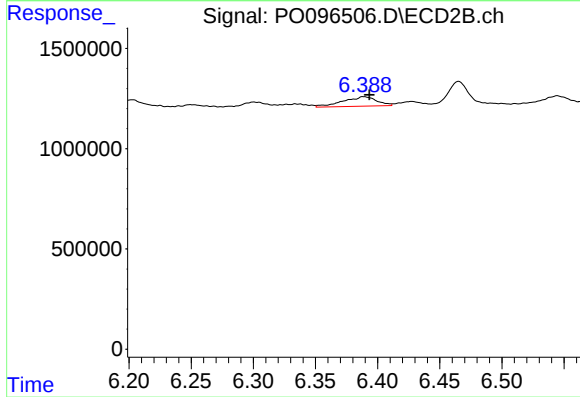
#31 AR-1260-1

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 1051359
Conc: 14.43 ng/ml



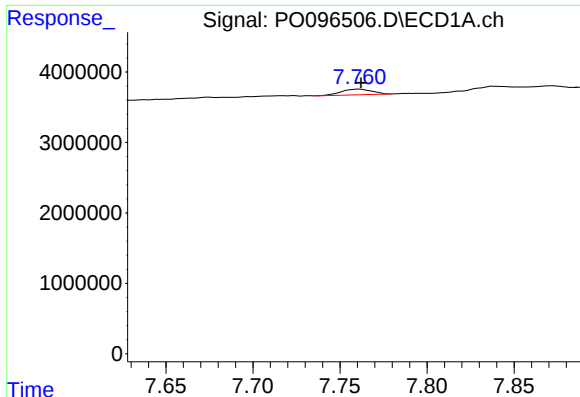
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: -0.009 min
Response: 2784980
Conc: 20.33 ng/ml



#32 AR-1260-2

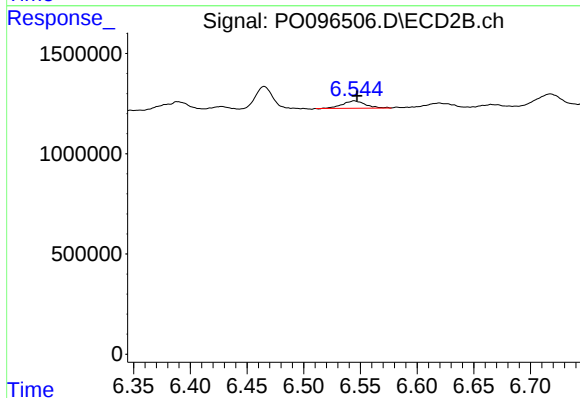
R.T.: 6.389 min
Delta R.T.: -0.004 min
Response: 901265
Conc: 10.42 ng/ml



#33 AR-1260-3

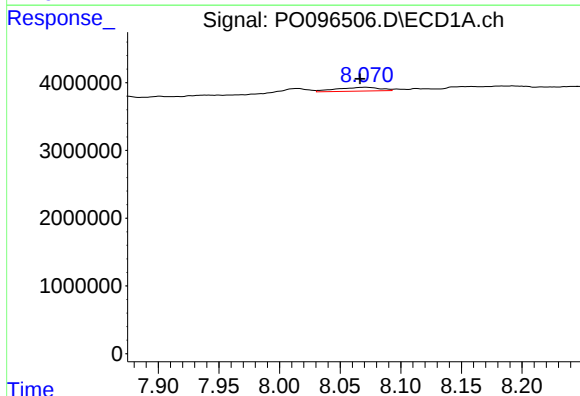
R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 993251
Conc: 6.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



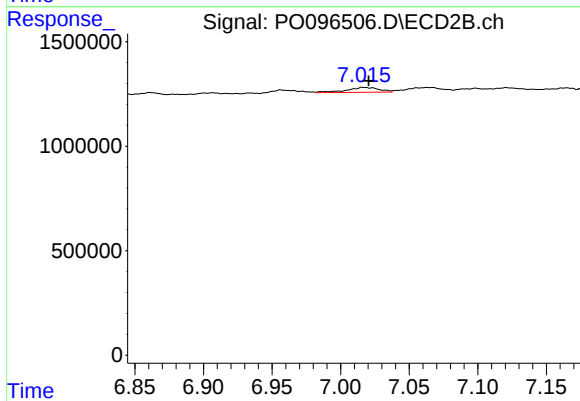
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 515204
Conc: 6.44 ng/ml



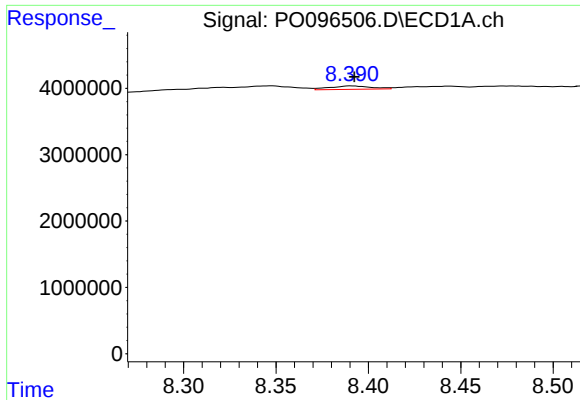
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: 0.004 min
Response: 1407389
Conc: 11.56 ng/ml



#34 AR-1260-4

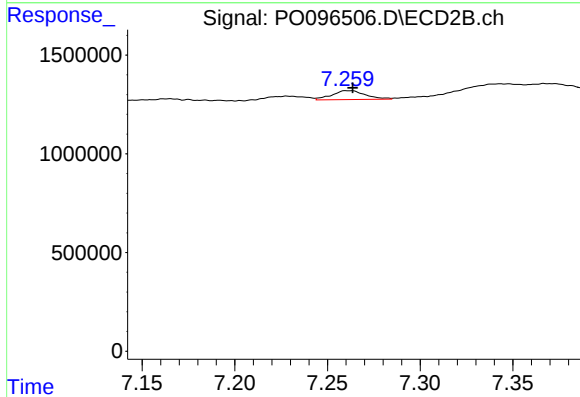
R.T.: 7.017 min
Delta R.T.: -0.004 min
Response: 390292
Conc: 5.98 ng/ml



#35 AR-1260-5

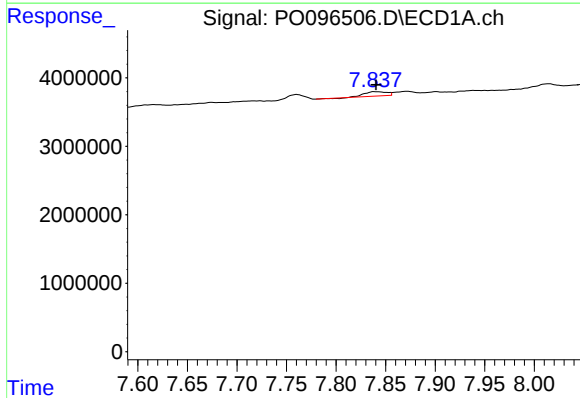
R.T.: 8.391 min
Delta R.T.: -0.002 min
Response: 790785
Conc: 3.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



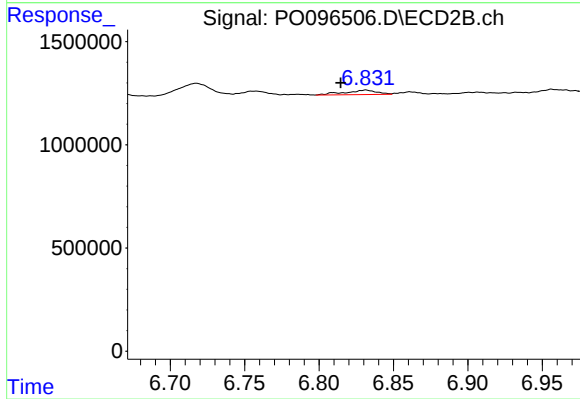
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: -0.002 min
Response: 572933
Conc: 4.04 ng/ml



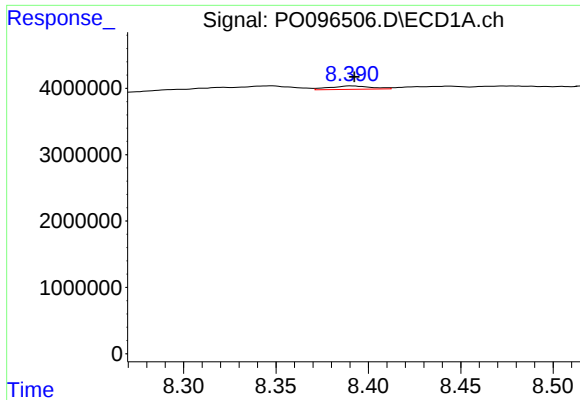
#36 AR-1262-1

R.T.: 7.839 min
Delta R.T.: -0.002 min
Response: 966597
Conc: 6.55 ng/ml



#36 AR-1262-1

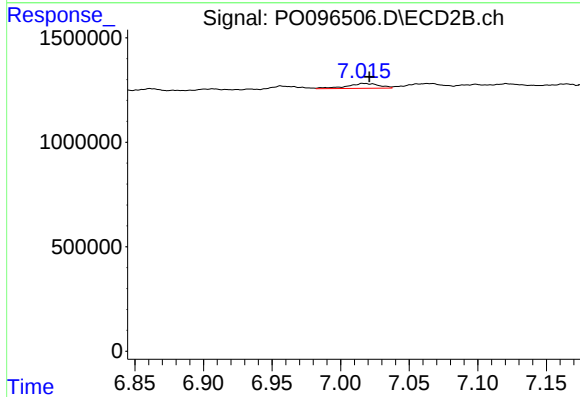
R.T.: 6.831 min
Delta R.T.: 0.017 min
Response: 322728
Conc: 8.21 ng/ml



#37 AR-1262-2

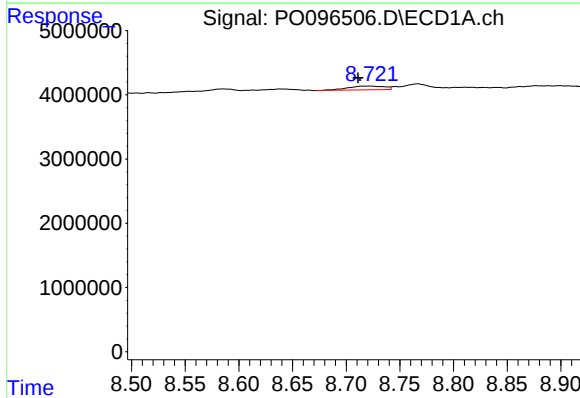
R.T.: 8.391 min
Delta R.T.: -0.002 min
Response: 790785
Conc: 3.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



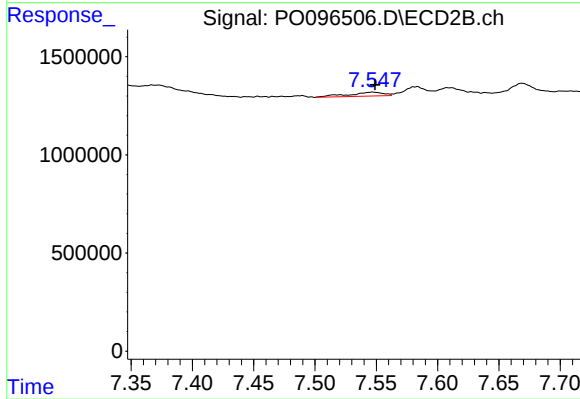
#37 AR-1262-2

R.T.: 7.017 min
Delta R.T.: -0.004 min
Response: 390292
Conc: 4.78 ng/ml



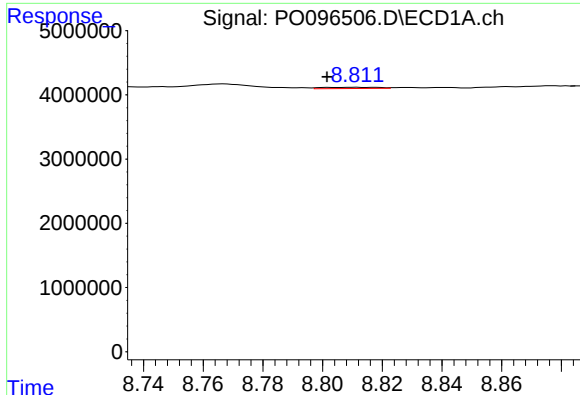
#38 AR-1262-3

R.T.: 8.722 min
Delta R.T.: 0.011 min
Response: 1366435
Conc: 8.22 ng/ml



#38 AR-1262-3

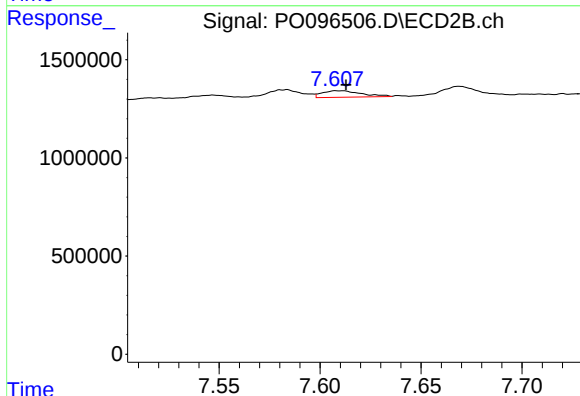
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 397663
Conc: 6.22 ng/ml



#39 AR-1262-4

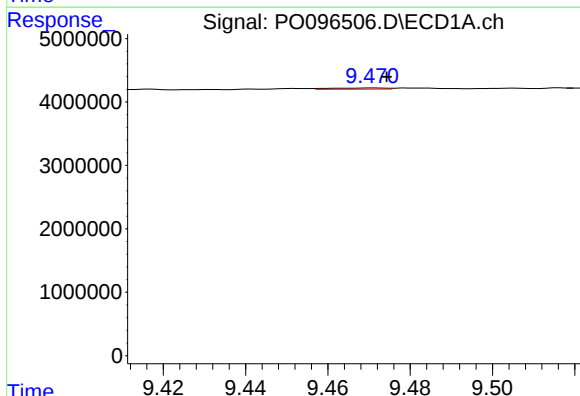
R.T.: 8.811 min
Delta R.T.: 0.009 min
Response: 255865
Conc: 1.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



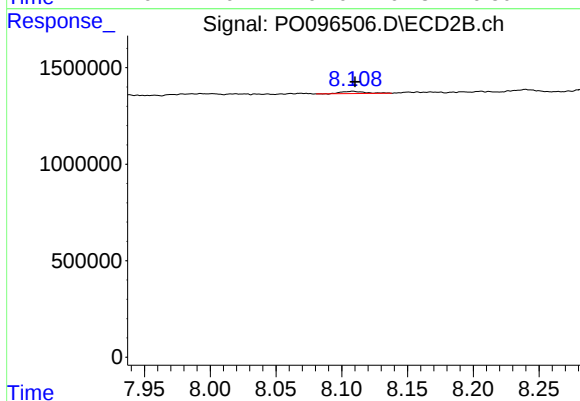
#39 AR-1262-4

R.T.: 7.609 min
Delta R.T.: -0.004 min
Response: 444146
Conc: 3.92 ng/ml



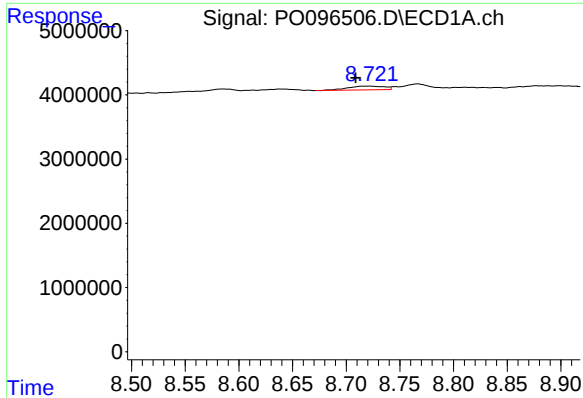
#40 AR-1262-5

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 180069
Conc: 2.11 ng/ml



#40 AR-1262-5

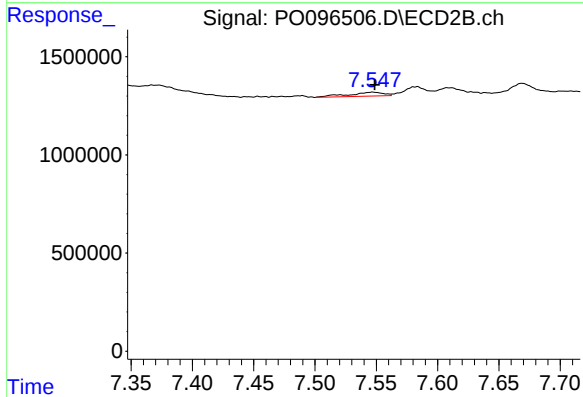
R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 150960
Conc: 2.90 ng/ml



#41 AR-1268-1

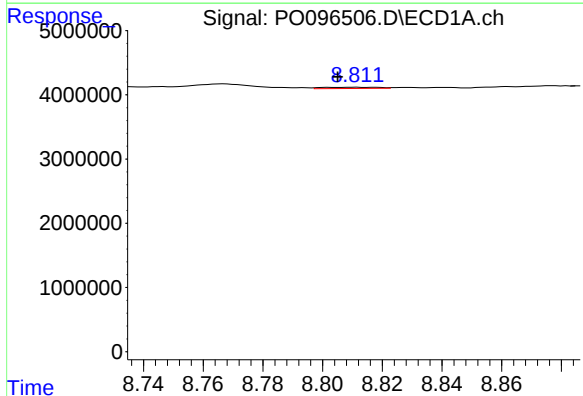
R.T.: 8.722 min
Delta R.T.: 0.013 min
Response: 1366435
Conc: 4.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



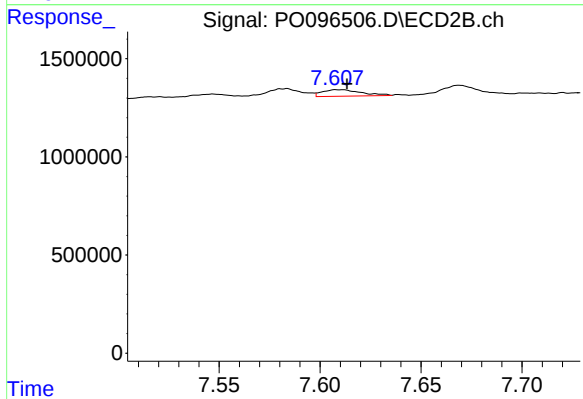
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 397663
Conc: 2.13 ng/ml



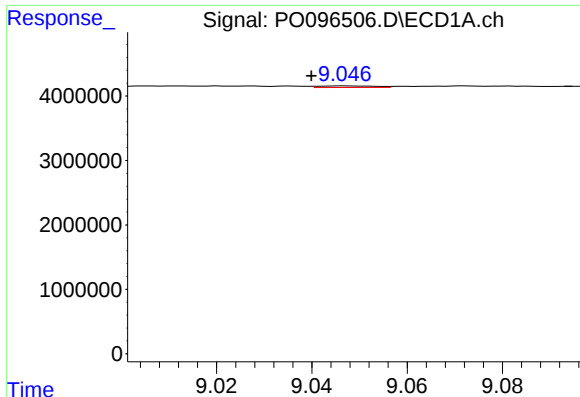
#42 AR-1268-2

R.T.: 8.811 min
Delta R.T.: 0.006 min
Response: 255865
Conc: 0.96 ng/ml



#42 AR-1268-2

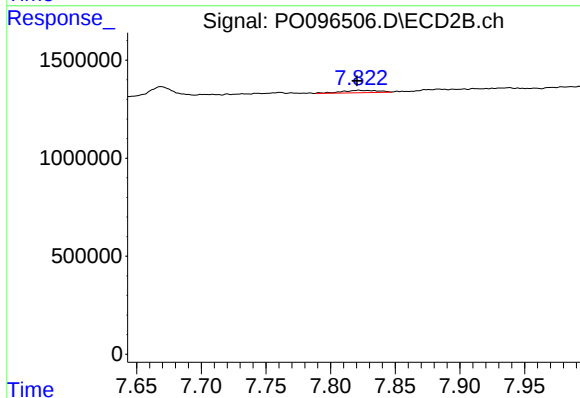
R.T.: 7.609 min
Delta R.T.: -0.004 min
Response: 444146
Conc: 2.64 ng/ml



#43 AR-1268-3

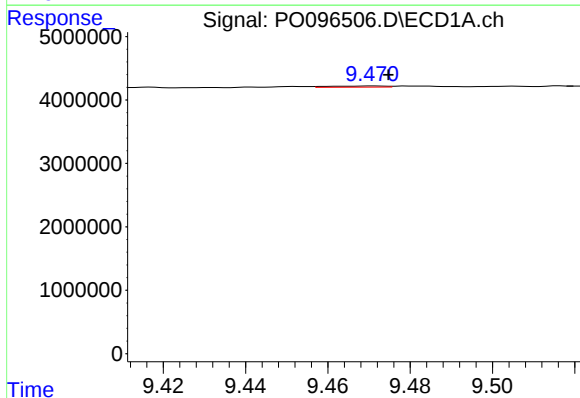
R.T.: 9.047 min
Delta R.T.: 0.007 min
Response: 199736
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



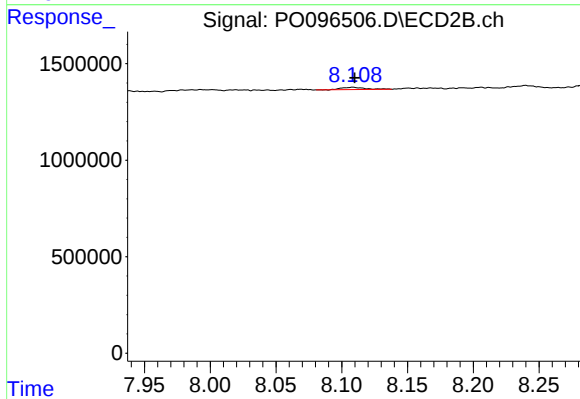
#43 AR-1268-3

R.T.: 7.822 min
Delta R.T.: 0.001 min
Response: 238079
Conc: 1.62 ng/ml



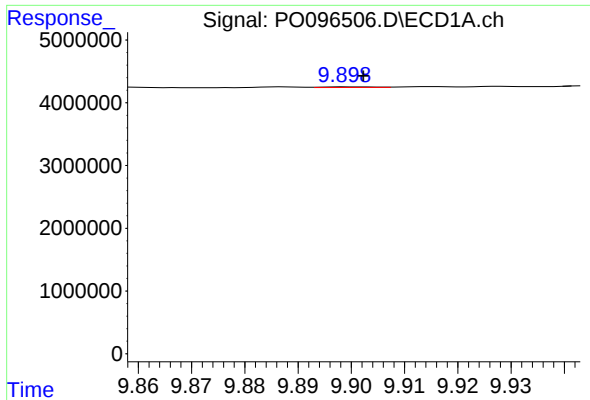
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: -0.004 min
Response: 180069
Conc: 1.94 ng/ml



#44 AR-1268-4

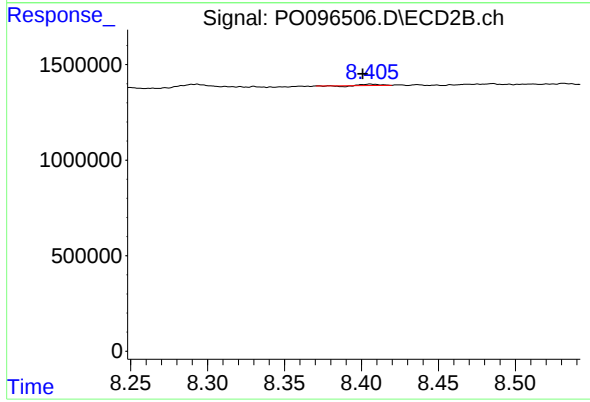
R.T.: 8.108 min
Delta R.T.: -0.001 min
Response: 150960
Conc: 2.54 ng/ml



#45 AR-1268-5

R.T.: 9.899 min
Delta R.T.: -0.003 min
Response: 76274
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.406 min
Delta R.T.: 0.005 min
Response: 33528
Conc: 0.08 ng/ml