

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083023\
 Data File : P0097534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 14:37
 Operator : YP/AJ
 Sample : 04202-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 00:55:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.449	3.629	63244125	13623835	18.949	20.194
2)	SA Decachlor...	10.311	8.678	32156577	11514774	17.521	20.059
Target Compounds							
3)	L1 AR-1016-1	5.612	4.727	51089	231568	0.568	10.638 #
4)	L1 AR-1016-2	5.647	4.727	74378	231568	0.536	7.674 #
5)	L1 AR-1016-3	5.716	4.925	85128	55732	0.939	3.450 #
6)	L1 AR-1016-4	5.809	4.975	147417	40832	2.126	2.846 #
7)	L1 AR-1016-5	6.102	5.164	49984	151541	0.704	8.286 #
8)	L2 AR-1221-1	4.658	3.865	48861975	190743	1214.075	23.301 #
9)	L2 AR-1221-2	4.756	3.915	2080665	1865184	69.219	321.820 #
10)	L2 AR-1221-3	4.825	4.005	120514	9819	1.353	0.534 #
11)	L3 AR-1232-1	4.825	4.005	120514	9819	1.634	0.652 #
12)	L3 AR-1232-2	5.347	4.727	253928	231568	6.626	16.588 #
13)	L3 AR-1232-3	5.647	4.925	74378	55732	1.150	7.935 #
14)	L3 AR-1232-4	5.809	5.000	147417	31215	4.628	4.415
15)	L3 AR-1232-5	5.907	5.164	137735	151541	4.681	19.253 #
16)	L4 AR-1242-1	5.612	4.727	51089	231568	0.631	12.004 #
17)	L4 AR-1242-2	5.647	4.727	74378	231568	0.596	8.507 #
18)	L4 AR-1242-3	5.716	4.925	85128	55732	1.035	3.884 #
19)	L4 AR-1242-4	5.809	5.000	147417	31215	2.348	1.971
20)	L4 AR-1242-5	6.519	5.533	17248	312970	0.274	17.734 #
21)	L5 AR-1248-1	5.612	4.727	51089	231568	0.866	16.851 #
22)	L5 AR-1248-2	5.907	4.975	137735	40832	1.393	1.841 #
23)	L5 AR-1248-3	6.102	5.000	49984	31215	0.482	1.358 #
24)	L5 AR-1248-4	6.509	5.164	10952	151541	0.120	5.584 #
25)	L5 AR-1248-5	6.519	5.587	17248	143798	0.170	6.361 #
26)	L6 AR-1254-1	6.495	5.533	11712	312970	0.107	8.109 #
27)	L6 AR-1254-2	6.704	5.672	297423	231567	1.825	6.799 #
28)	L6 AR-1254-3	7.082	6.092	1360002	177026	8.351	3.336 #
29)	L6 AR-1254-4	7.382	6.308	592915	181772	6.083	6.666
30)	L6 AR-1254-5	7.793	6.732	337281	99878	2.987	2.265
31)	L7 AR-1260-1	7.223	6.214	37610	285793	0.295	7.652 #
32)	L7 AR-1260-2	7.503	6.387	247444	529905	1.816	12.523 #
33)	L7 AR-1260-3	7.894	6.565	314182	385079	2.972	9.200 #
34)	L7 AR-1260-4	8.105	7.031	135714	111715	1.200	3.454 #
35)	L7 AR-1260-5	8.430	7.260	105738	181526	0.562	2.749 #
36)	L8 AR-1262-1	7.894	6.842	314182	56255	2.088	2.803 #
37)	L8 AR-1262-2	8.430	7.031	105738	111715	0.483	2.557 #
38)	L8 AR-1262-3	8.757	7.558	206848	337304	1.334	10.823 #
39)	L8 AR-1262-4	8.843	7.631	503813	119040	4.041	2.116 #
40)	L8 AR-1262-5	9.514	8.113	7478	28894	0.109	1.228 #
41)	L9 AR-1268-1	8.726	7.558	12824	337304	0.045	3.524 #

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 Acq On : 30 Aug 2023 14:37
 Operator : YP/AJ
 Sample : 04202-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

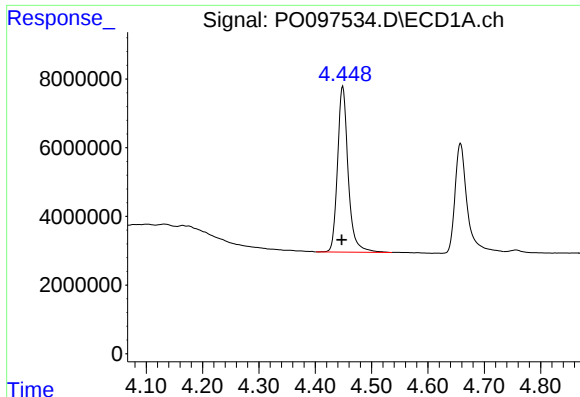
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 00:55:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
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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	8.843	7.631	503813	119040	1.983	1.436 #
43) L9	AR-1268-3	9.085	7.913	104920	25853	0.465	1.305 #
44) L9	AR-1268-4	9.514	8.113	7478	28894	0.097	1.118 #
45) L9	AR-1268-5	9.946	8.423	53064	124121	0.077	0.544 #

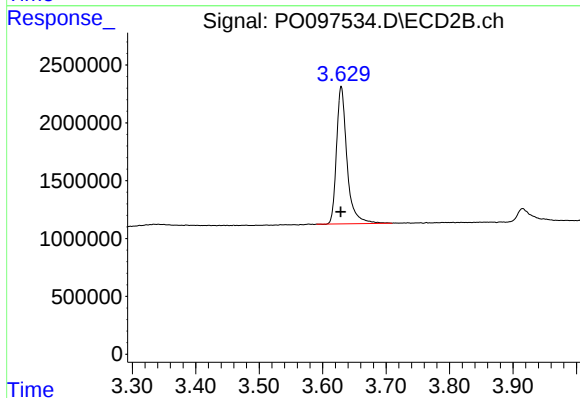
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

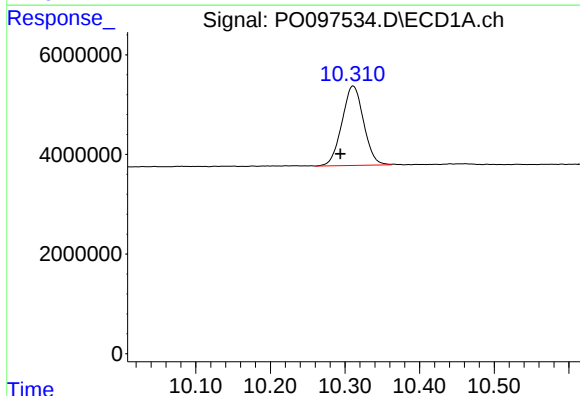
R.T.: 4.449 min
Delta R.T.: 0.002 min
Response: 63244125
Conc: 18.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



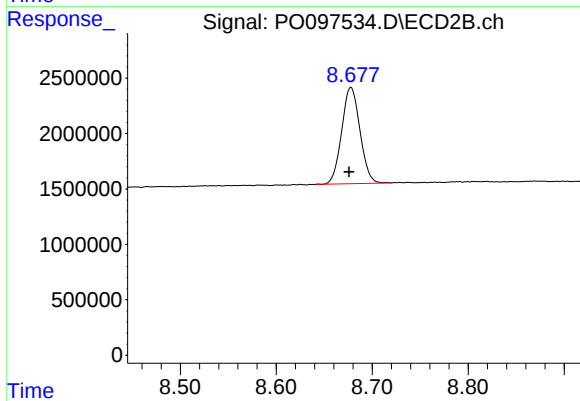
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: 0.001 min
Response: 13623835
Conc: 20.19 ng/ml



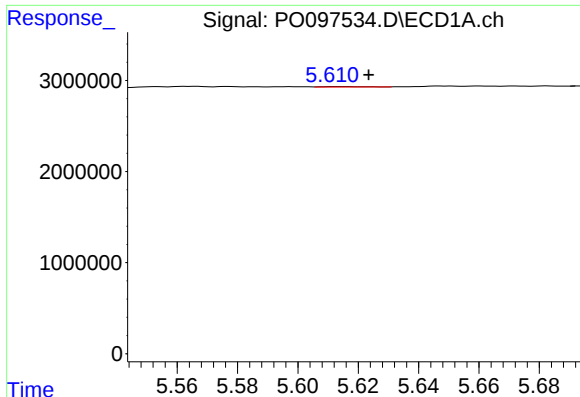
#2 Decachlorobiphenyl

R.T.: 10.311 min
Delta R.T.: 0.017 min
Response: 32156577
Conc: 17.52 ng/ml



#2 Decachlorobiphenyl

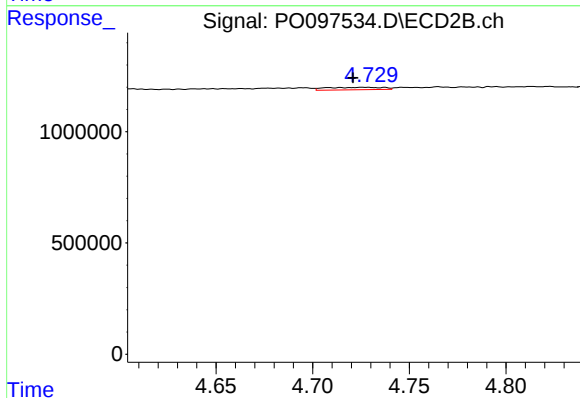
R.T.: 8.678 min
Delta R.T.: 0.002 min
Response: 11514774
Conc: 20.06 ng/ml



#3 AR-1016-1

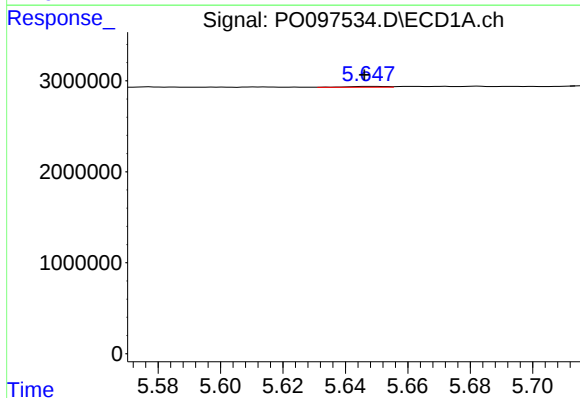
R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 51089
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



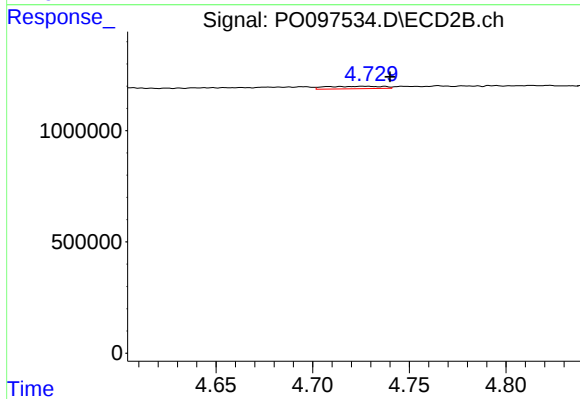
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: 0.006 min
Response: 231568
Conc: 10.64 ng/ml



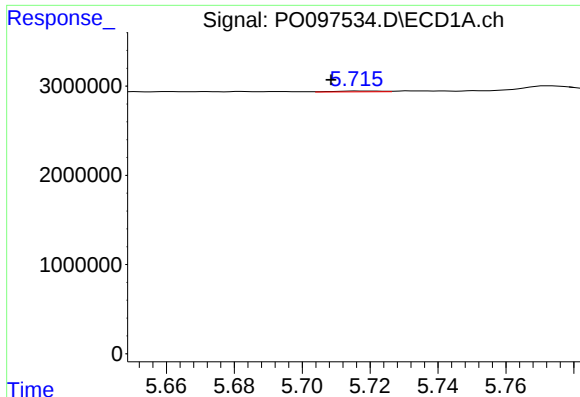
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: 0.001 min
Response: 74378
Conc: 0.54 ng/ml



#4 AR-1016-2

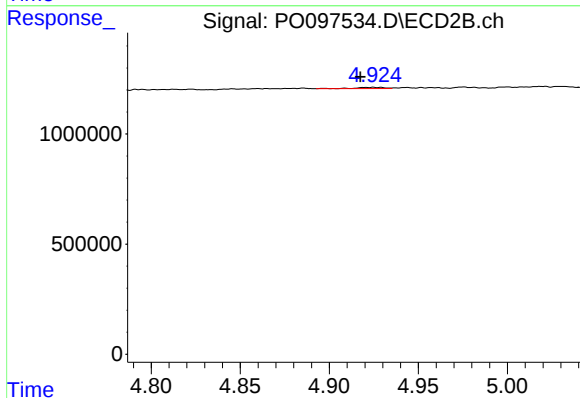
R.T.: 4.727 min
Delta R.T.: -0.013 min
Response: 231568
Conc: 7.67 ng/ml



#5 AR-1016-3

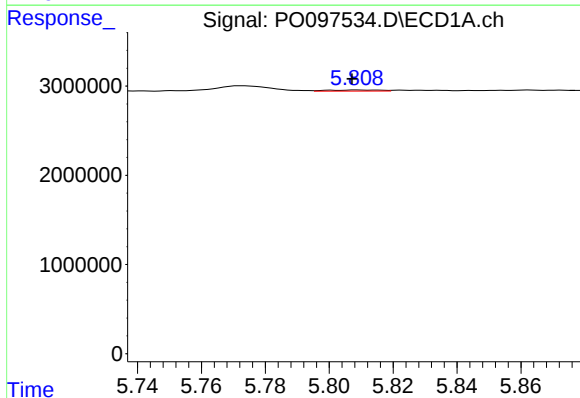
R.T.: 5.716 min
Delta R.T.: 0.007 min
Response: 85128
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



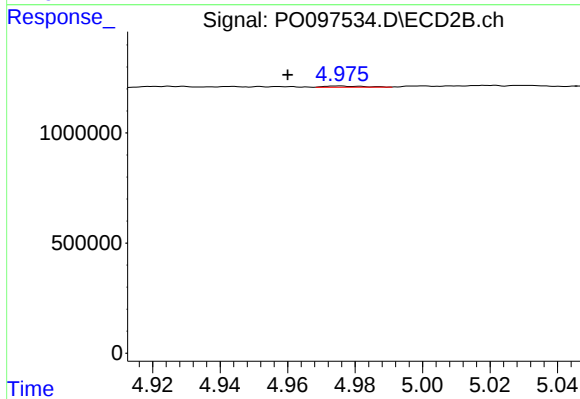
#5 AR-1016-3

R.T.: 4.925 min
Delta R.T.: 0.007 min
Response: 55732
Conc: 3.45 ng/ml



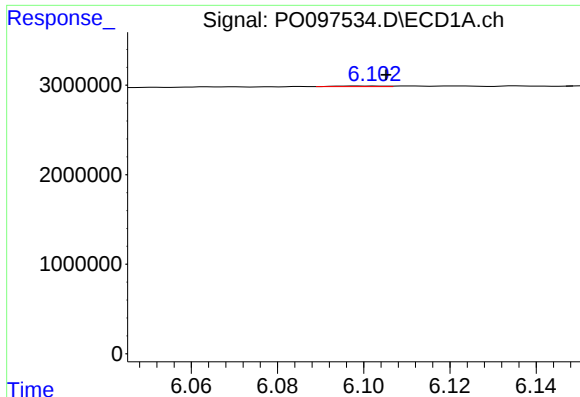
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 147417
Conc: 2.13 ng/ml



#6 AR-1016-4

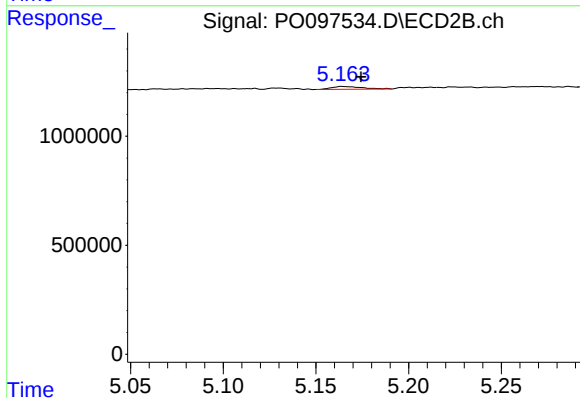
R.T.: 4.975 min
Delta R.T.: 0.015 min
Response: 40832
Conc: 2.85 ng/ml



#7 AR-1016-5

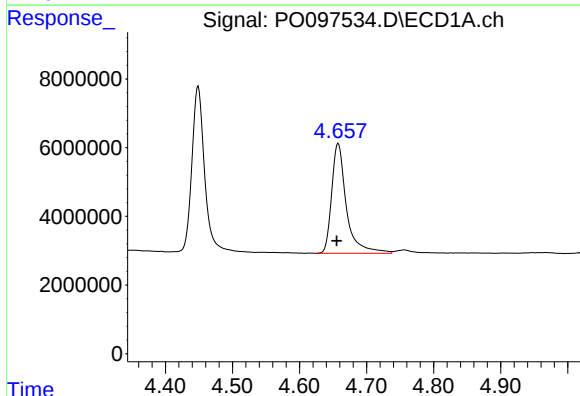
R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 49984
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



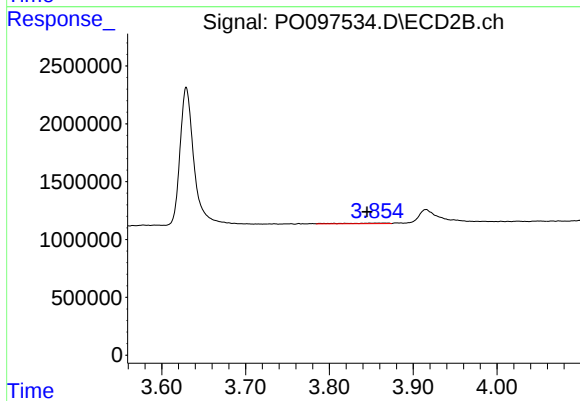
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.010 min
Response: 151541
Conc: 8.29 ng/ml



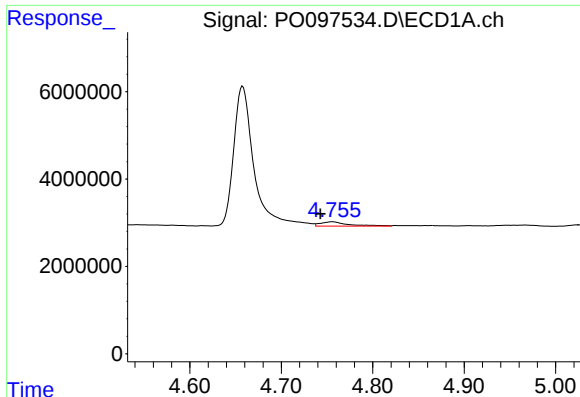
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: 0.003 min
Response: 48861975
Conc: 1214.07 ng/ml



#8 AR-1221-1

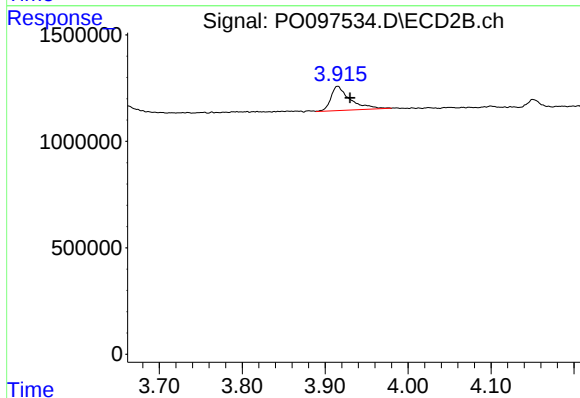
R.T.: 3.865 min
Delta R.T.: 0.020 min
Response: 190743
Conc: 23.30 ng/ml



#9 AR-1221-2

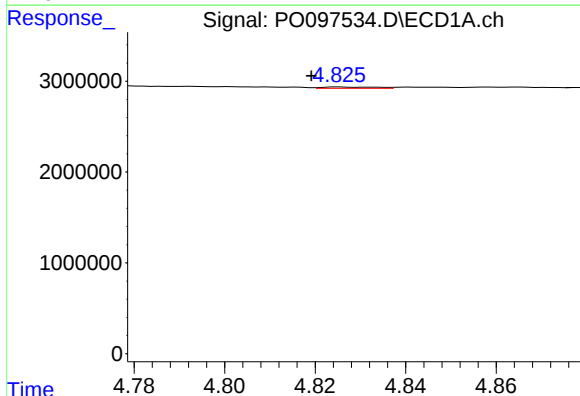
R.T.: 4.756 min
Delta R.T.: 0.013 min
Response: 2080665
Conc: 69.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



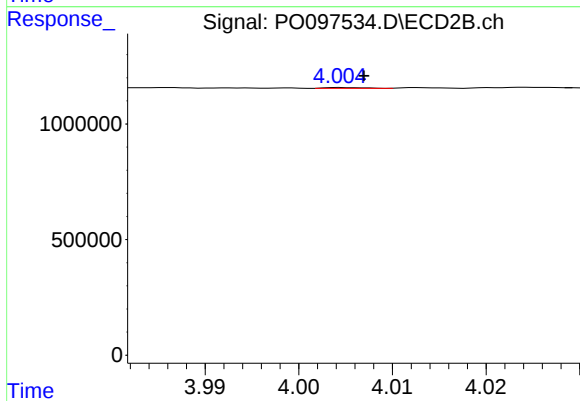
#9 AR-1221-2

R.T.: 3.915 min
Delta R.T.: -0.015 min
Response: 1865184
Conc: 321.82 ng/ml



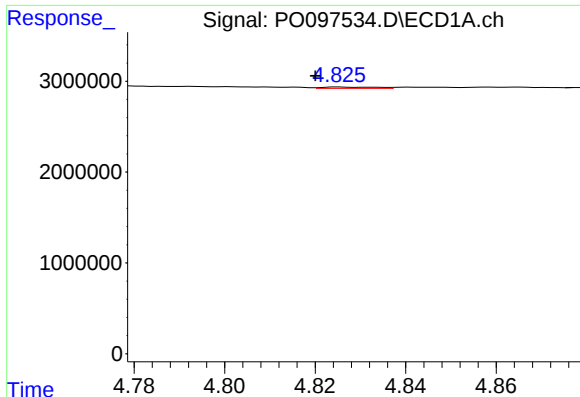
#10 AR-1221-3

R.T.: 4.825 min
Delta R.T.: 0.006 min
Response: 120514
Conc: 1.35 ng/ml



#10 AR-1221-3

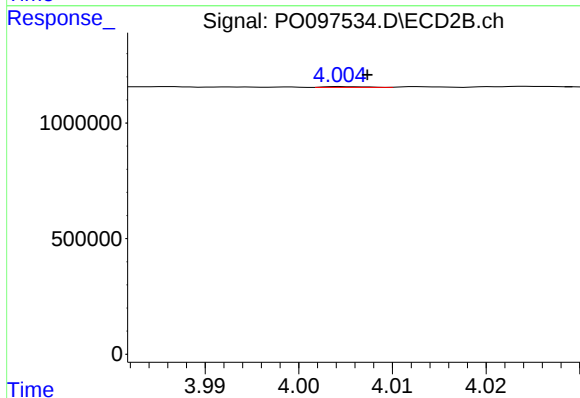
R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 9819
Conc: 0.53 ng/ml



#11 AR-1232-1

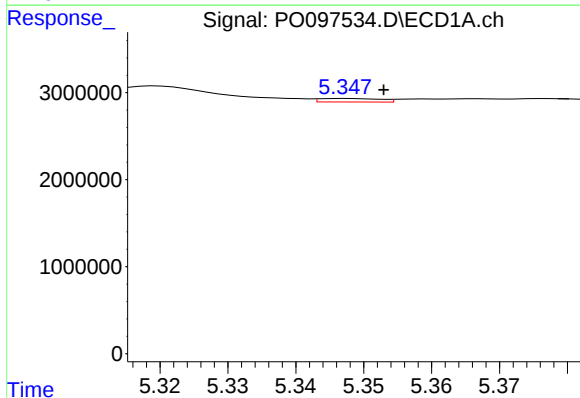
R.T.: 4.825 min
Delta R.T.: 0.005 min
Response: 120514
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



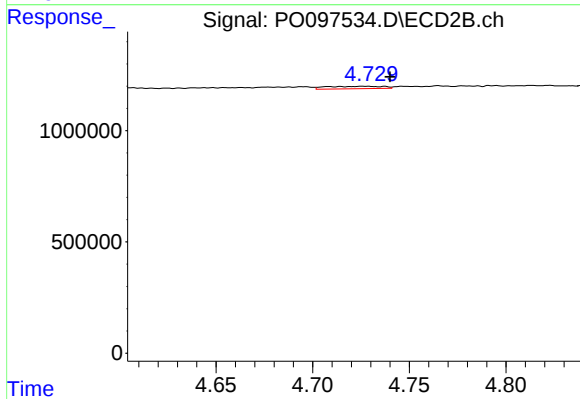
#11 AR-1232-1

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 9819
Conc: 0.65 ng/ml



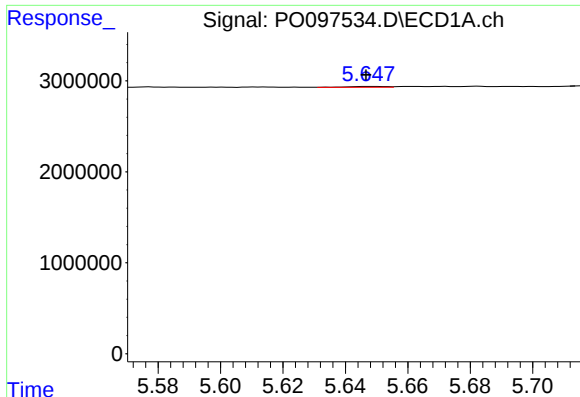
#12 AR-1232-2

R.T.: 5.347 min
Delta R.T.: -0.006 min
Response: 253928
Conc: 6.63 ng/ml



#12 AR-1232-2

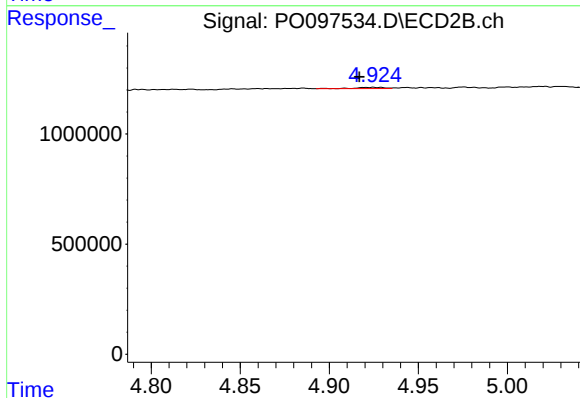
R.T.: 4.727 min
Delta R.T.: -0.013 min
Response: 231568
Conc: 16.59 ng/ml



#13 AR-1232-3

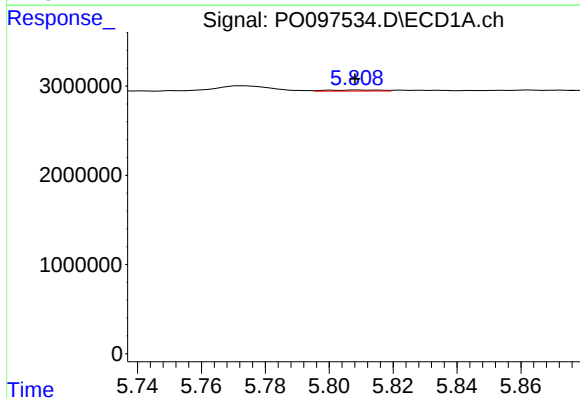
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 74378
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



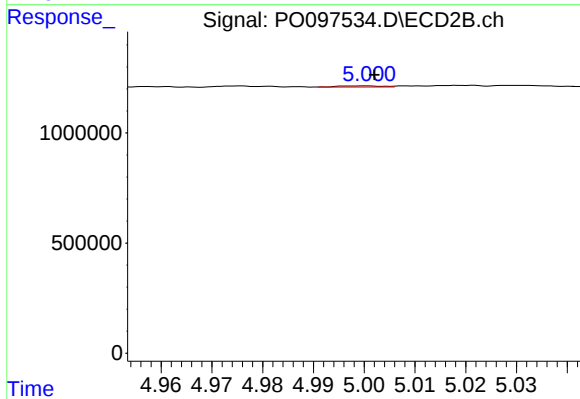
#13 AR-1232-3

R.T.: 4.925 min
Delta R.T.: 0.008 min
Response: 55732
Conc: 7.94 ng/ml



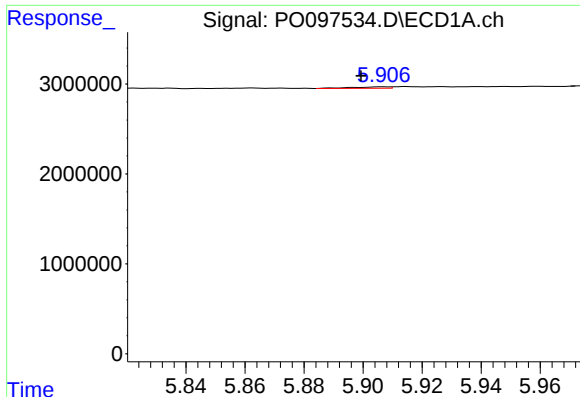
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 147417
Conc: 4.63 ng/ml



#14 AR-1232-4

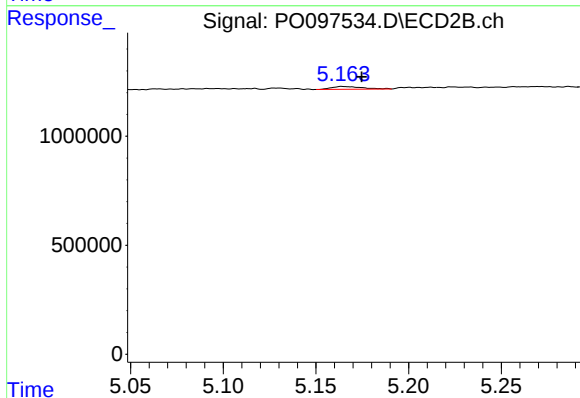
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 31215
Conc: 4.41 ng/ml



#15 AR-1232-5

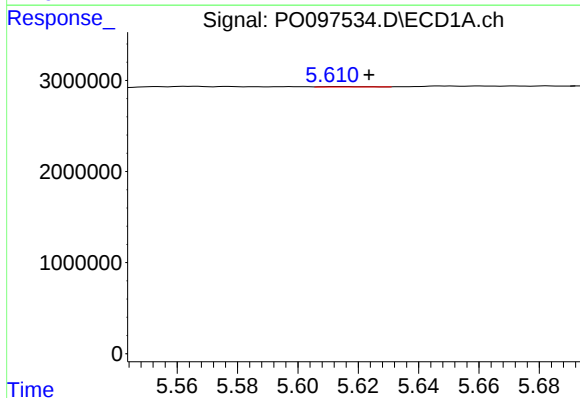
R.T.: 5.907 min
Delta R.T.: 0.007 min
Response: 137735
Conc: 4.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



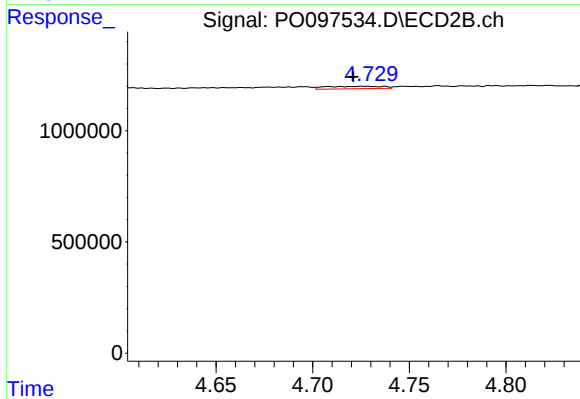
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.010 min
Response: 151541
Conc: 19.25 ng/ml



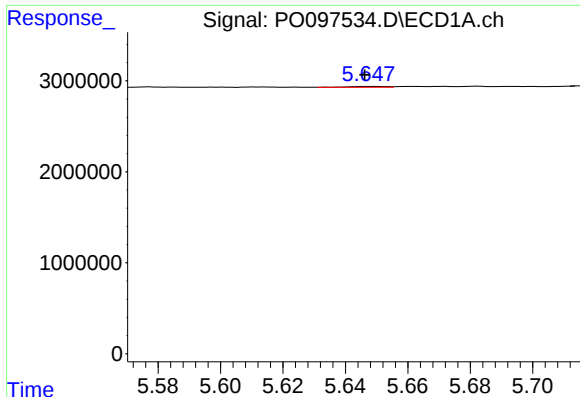
#16 AR-1242-1

R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 51089
Conc: 0.63 ng/ml



#16 AR-1242-1

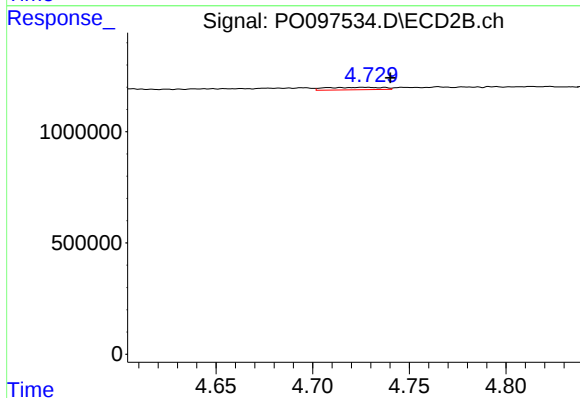
R.T.: 4.727 min
Delta R.T.: 0.006 min
Response: 231568
Conc: 12.00 ng/ml



#17 AR-1242-2

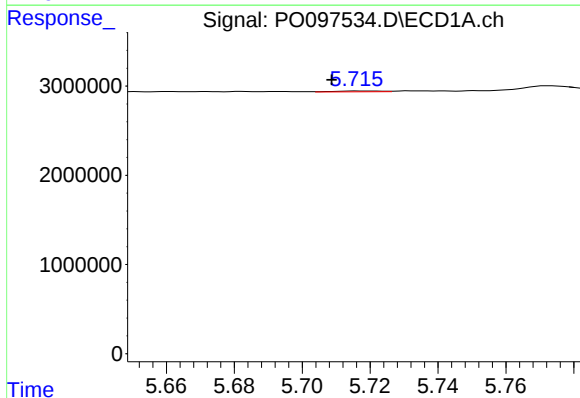
R.T.: 5.647 min
Delta R.T.: 0.001 min
Response: 74378
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



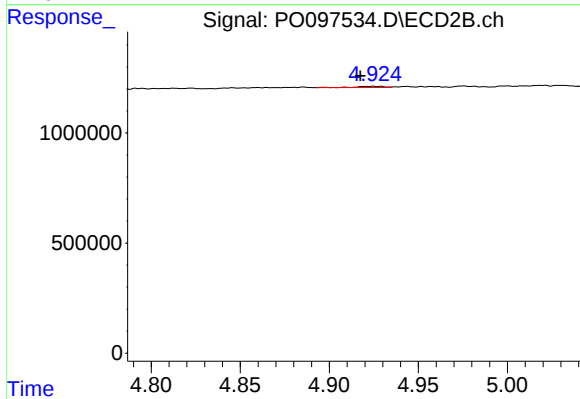
#17 AR-1242-2

R.T.: 4.727 min
Delta R.T.: -0.014 min
Response: 231568
Conc: 8.51 ng/ml



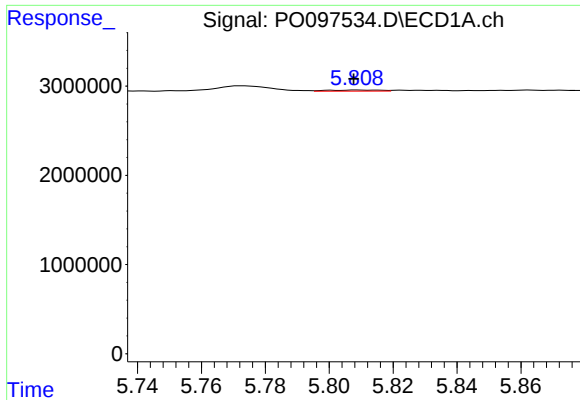
#18 AR-1242-3

R.T.: 5.716 min
Delta R.T.: 0.007 min
Response: 85128
Conc: 1.04 ng/ml



#18 AR-1242-3

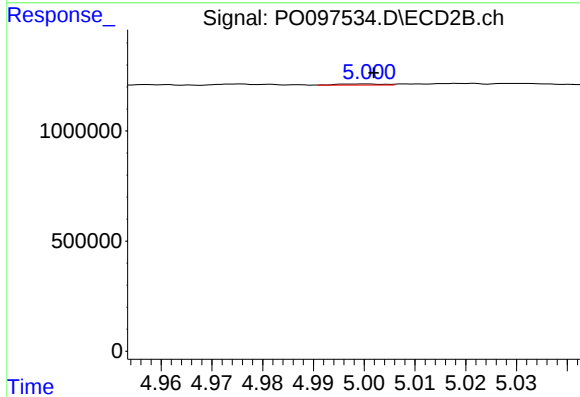
R.T.: 4.925 min
Delta R.T.: 0.007 min
Response: 55732
Conc: 3.88 ng/ml



#19 AR-1242-4

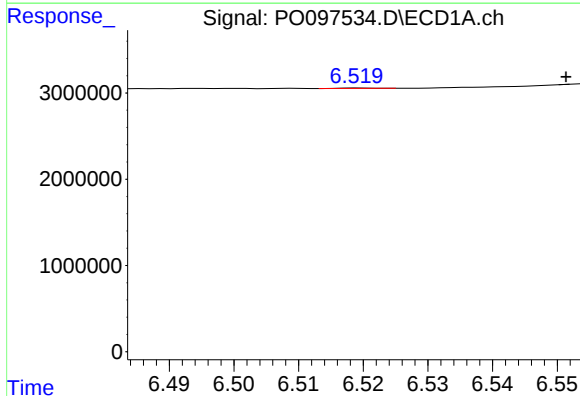
R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 147417
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



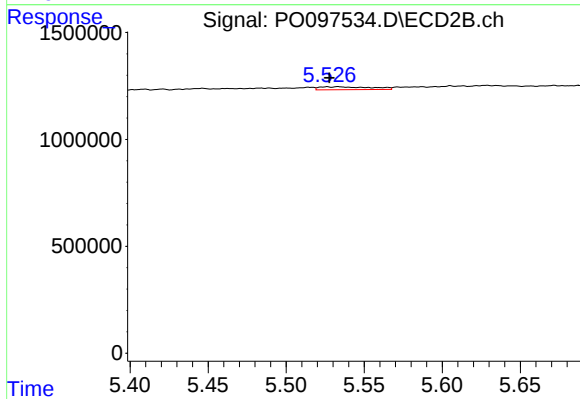
#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 31215
Conc: 1.97 ng/ml



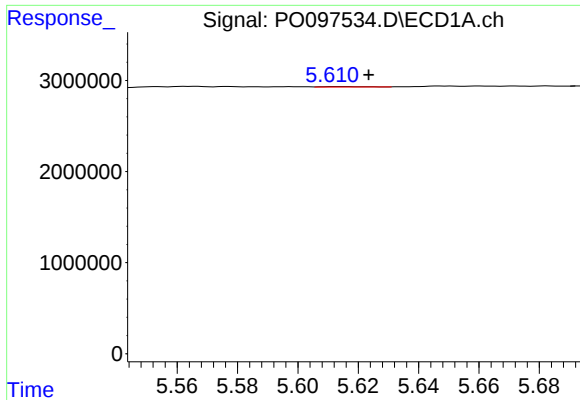
#20 AR-1242-5

R.T.: 6.519 min
Delta R.T.: -0.032 min
Response: 17248
Conc: 0.27 ng/ml



#20 AR-1242-5

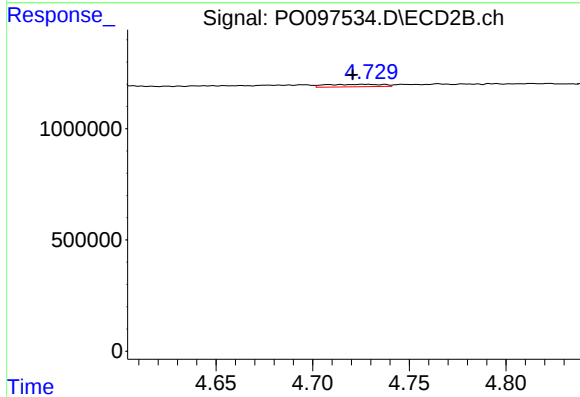
R.T.: 5.533 min
Delta R.T.: 0.006 min
Response: 312970
Conc: 17.73 ng/ml



#21 AR-1248-1

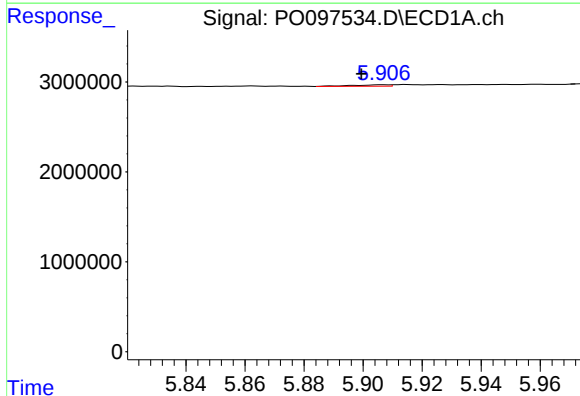
R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 51089
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



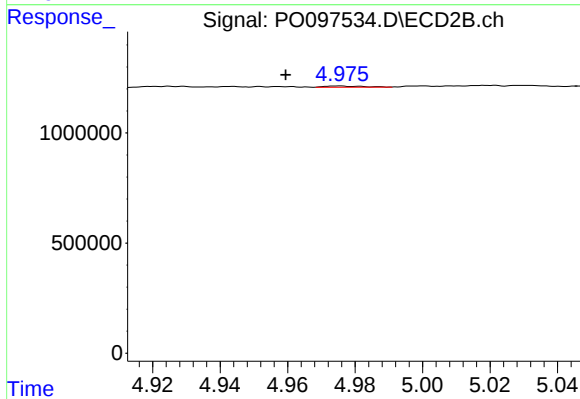
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.006 min
Response: 231568
Conc: 16.85 ng/ml



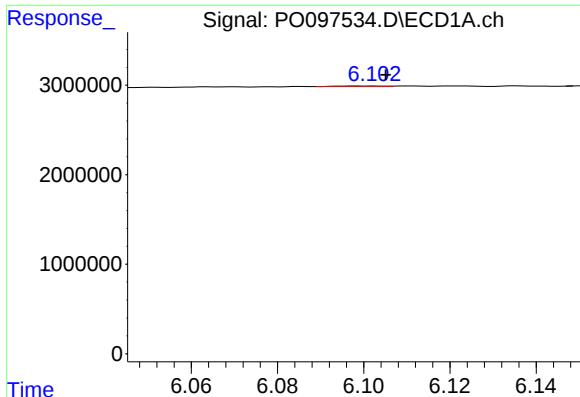
#22 AR-1248-2

R.T.: 5.907 min
Delta R.T.: 0.007 min
Response: 137735
Conc: 1.39 ng/ml



#22 AR-1248-2

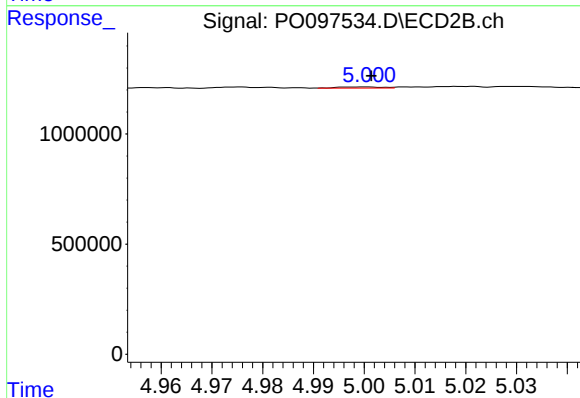
R.T.: 4.975 min
Delta R.T.: 0.016 min
Response: 40832
Conc: 1.84 ng/ml



#23 AR-1248-3

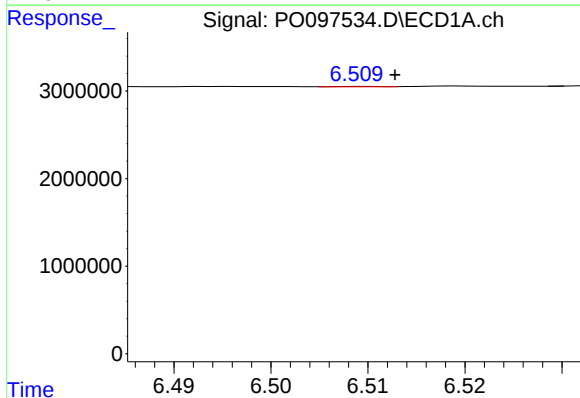
R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 49984
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



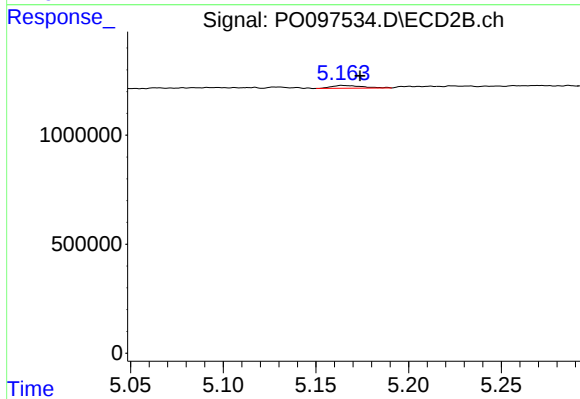
#23 AR-1248-3

R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 31215
Conc: 1.36 ng/ml



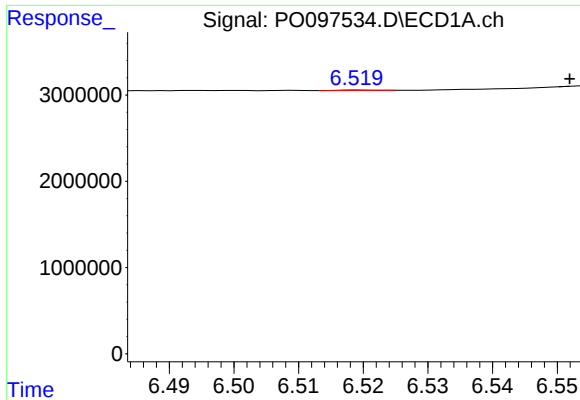
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 10952
Conc: 0.12 ng/ml



#24 AR-1248-4

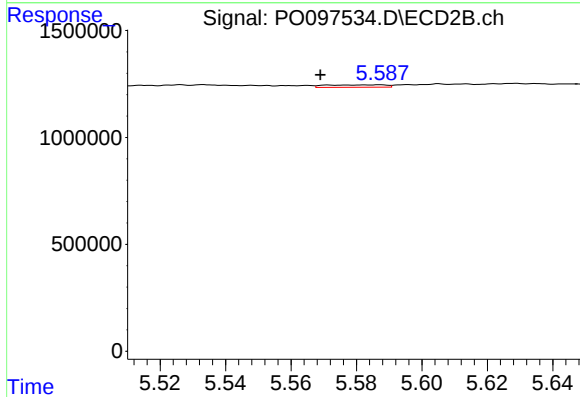
R.T.: 5.164 min
Delta R.T.: -0.009 min
Response: 151541
Conc: 5.58 ng/ml



#25 AR-1248-5

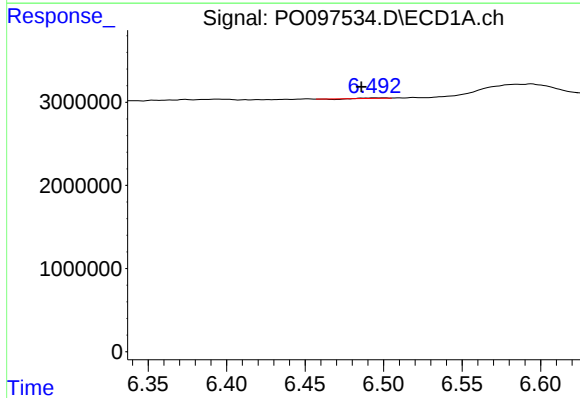
R.T.: 6.519 min
Delta R.T.: -0.033 min
Response: 17248
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



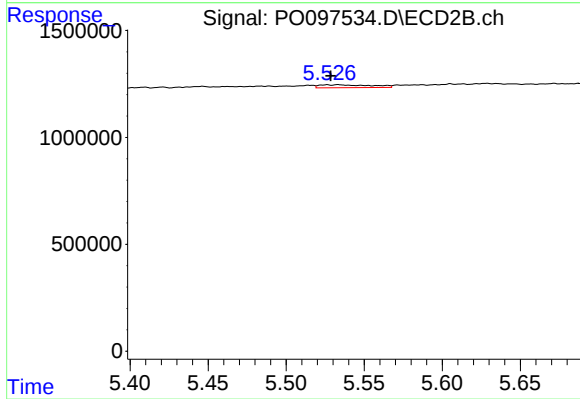
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: 0.018 min
Response: 143798
Conc: 6.36 ng/ml



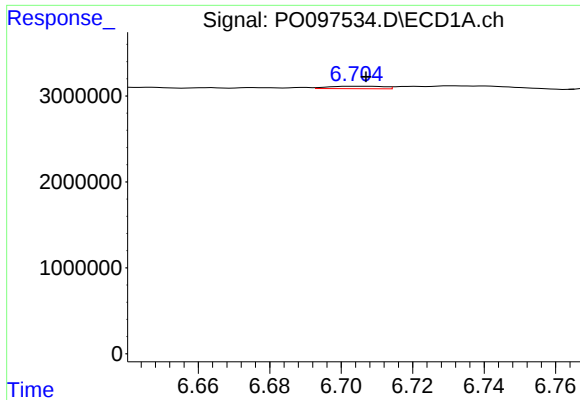
#26 AR-1254-1

R.T.: 6.495 min
Delta R.T.: 0.009 min
Response: 11712
Conc: 0.11 ng/ml



#26 AR-1254-1

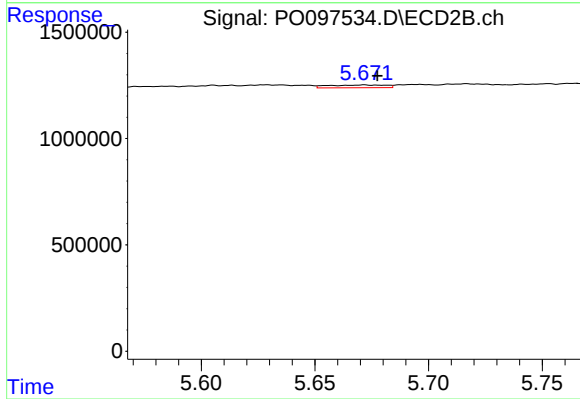
R.T.: 5.533 min
Delta R.T.: 0.005 min
Response: 312970
Conc: 8.11 ng/ml



#27 AR-1254-2

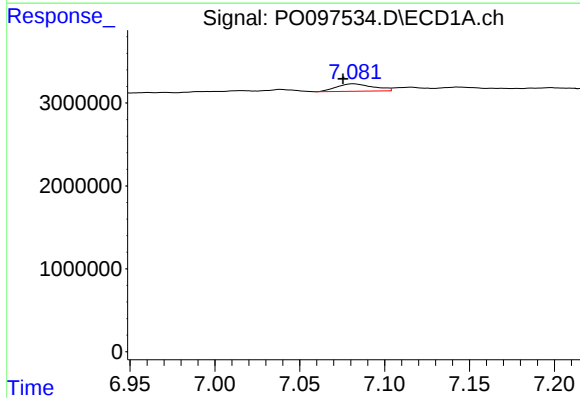
R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 297423
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



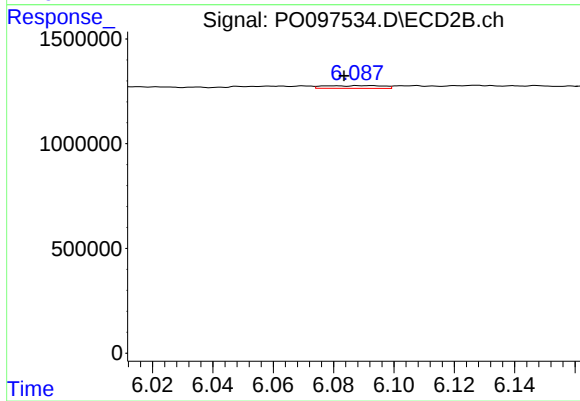
#27 AR-1254-2

R.T.: 5.672 min
Delta R.T.: -0.006 min
Response: 231567
Conc: 6.80 ng/ml



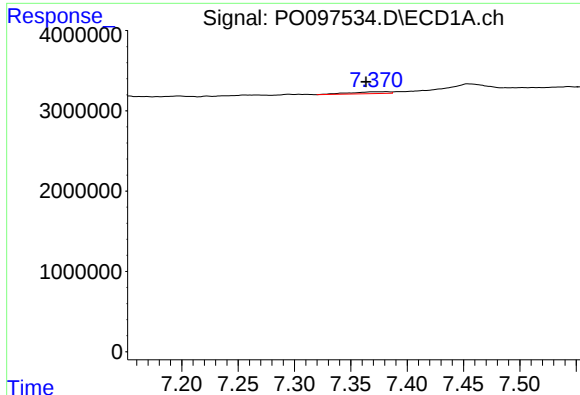
#28 AR-1254-3

R.T.: 7.082 min
Delta R.T.: 0.006 min
Response: 1360002
Conc: 8.35 ng/ml



#28 AR-1254-3

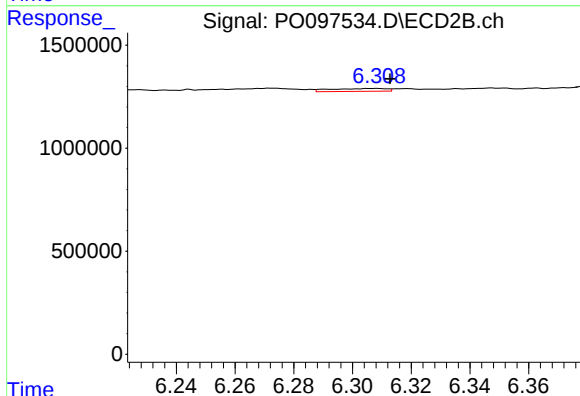
R.T.: 6.092 min
Delta R.T.: 0.009 min
Response: 177026
Conc: 3.34 ng/ml



#29 AR-1254-4

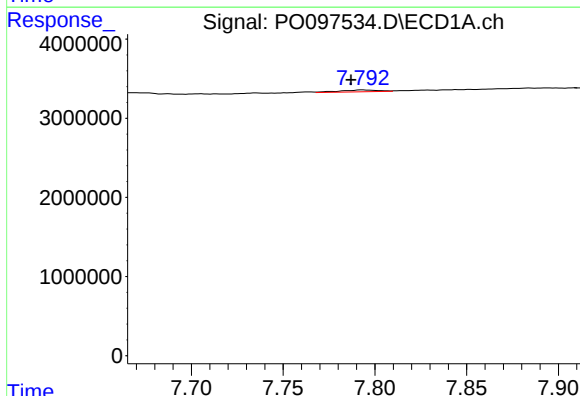
R.T.: 7.382 min
Delta R.T.: 0.018 min
Response: 592915
Conc: 6.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



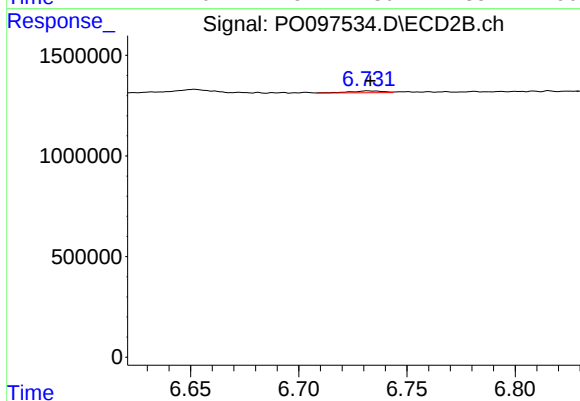
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: -0.005 min
Response: 181772
Conc: 6.67 ng/ml



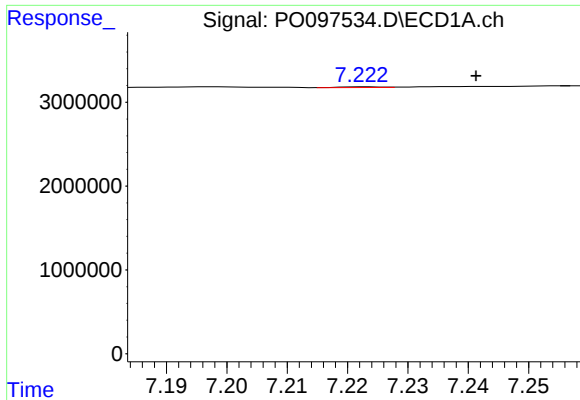
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.006 min
Response: 337281
Conc: 2.99 ng/ml



#30 AR-1254-5

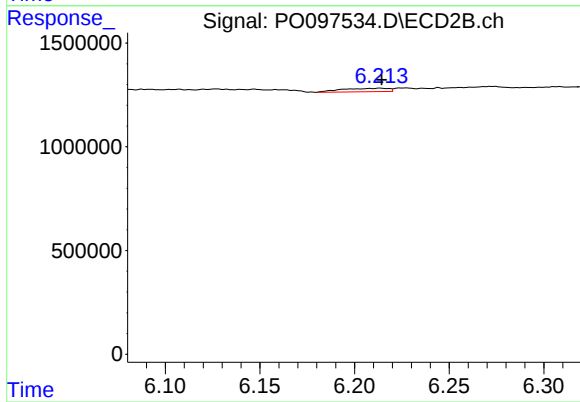
R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 99878
Conc: 2.27 ng/ml



#31 AR-1260-1

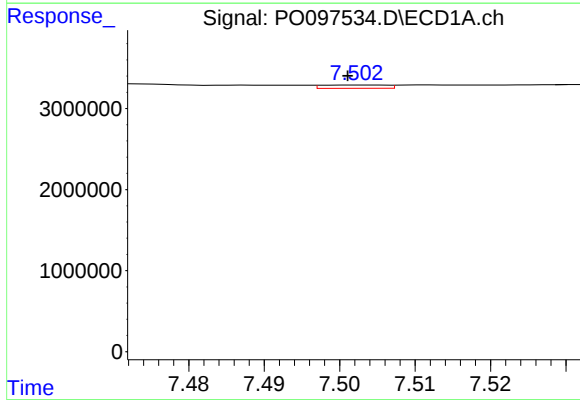
R.T.: 7.223 min
Delta R.T.: -0.019 min
Response: 37610
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



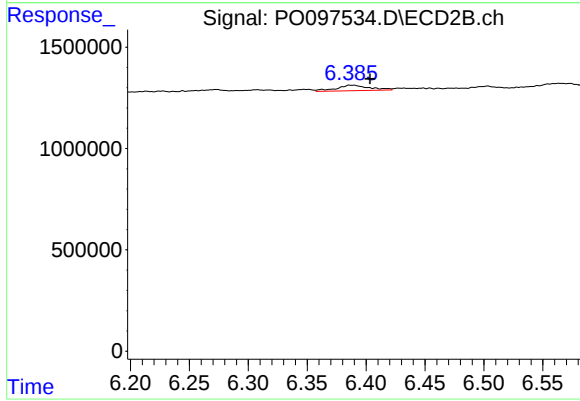
#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 285793
Conc: 7.65 ng/ml



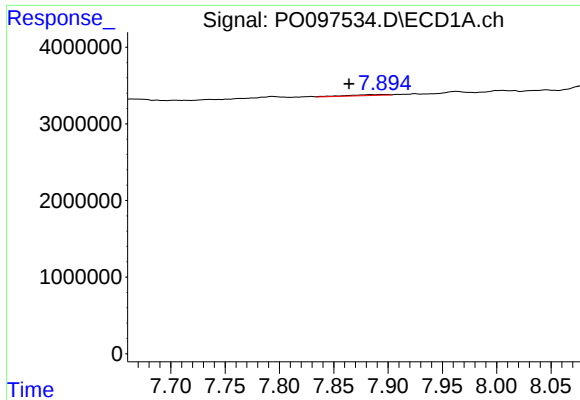
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 247444
Conc: 1.82 ng/ml



#32 AR-1260-2

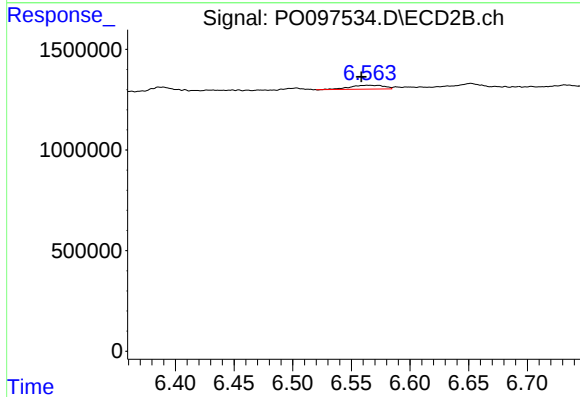
R.T.: 6.387 min
Delta R.T.: -0.017 min
Response: 529905
Conc: 12.52 ng/ml



#33 AR-1260-3

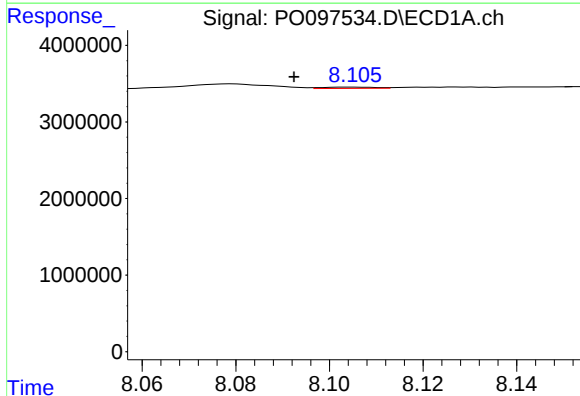
R.T.: 7.894 min
Delta R.T.: 0.030 min
Response: 314182
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



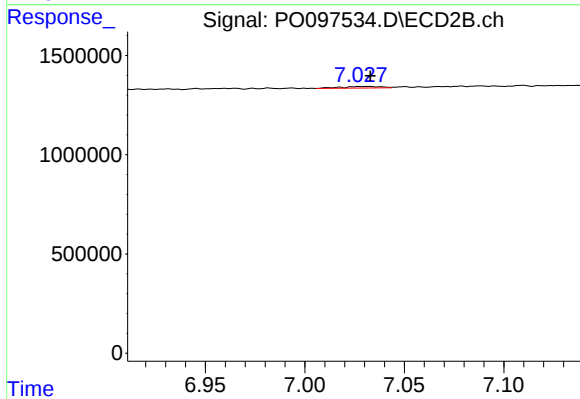
#33 AR-1260-3

R.T.: 6.565 min
Delta R.T.: 0.006 min
Response: 385079
Conc: 9.20 ng/ml



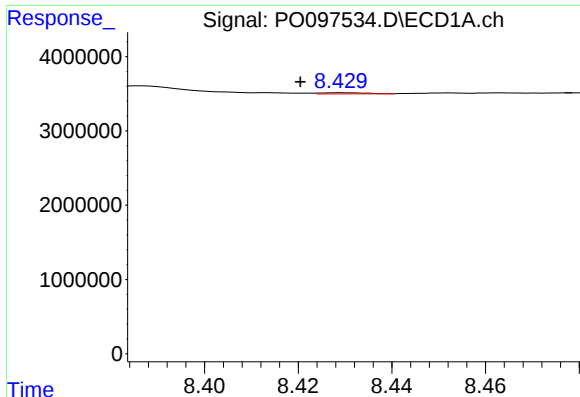
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.012 min
Response: 135714
Conc: 1.20 ng/ml



#34 AR-1260-4

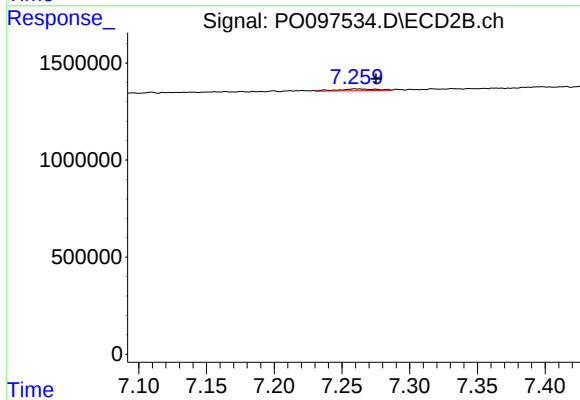
R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 111715
Conc: 3.45 ng/ml



#35 AR-1260-5

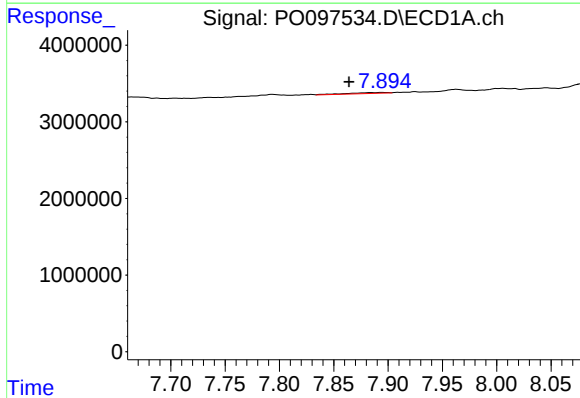
R.T.: 8.430 min
Delta R.T.: 0.009 min
Response: 105738
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



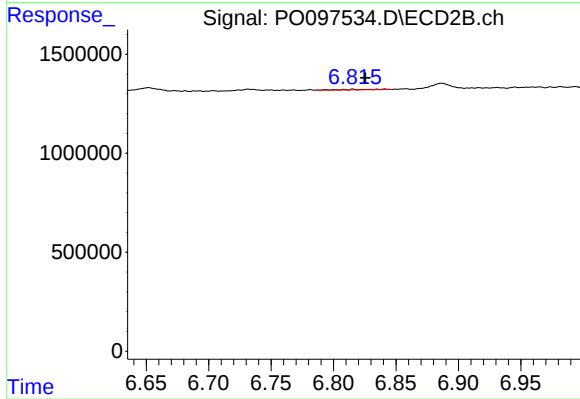
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.015 min
Response: 181526
Conc: 2.75 ng/ml



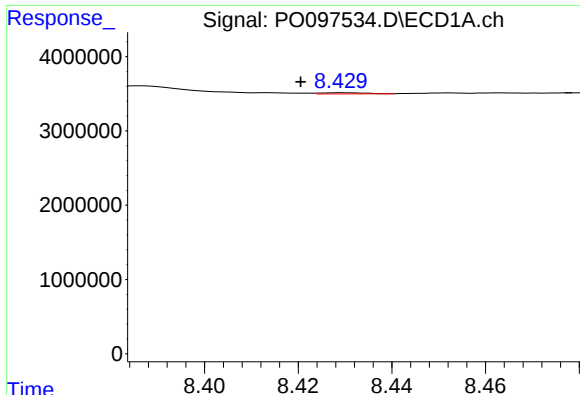
#36 AR-1262-1

R.T.: 7.894 min
Delta R.T.: 0.030 min
Response: 314182
Conc: 2.09 ng/ml



#36 AR-1262-1

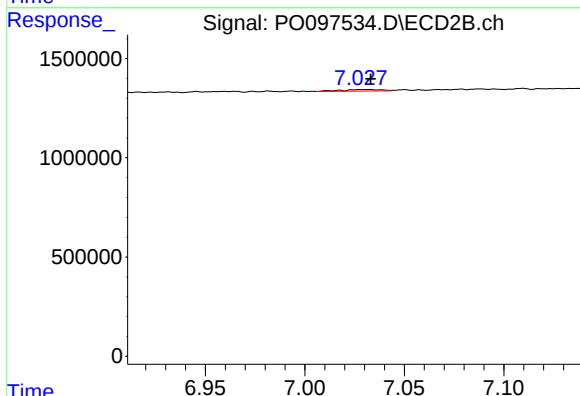
R.T.: 6.842 min
Delta R.T.: 0.016 min
Response: 56255
Conc: 2.80 ng/ml



#37 AR-1262-2

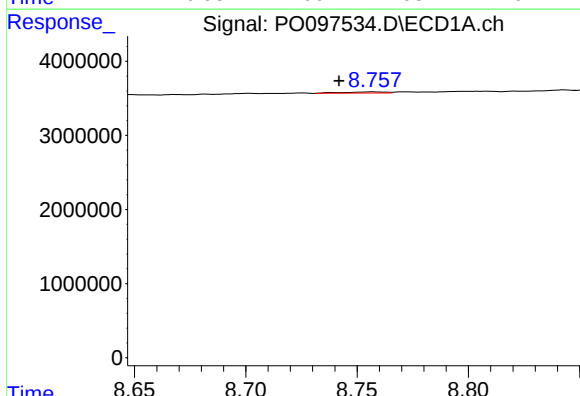
R.T.: 8.430 min
Delta R.T.: 0.009 min
Response: 105738
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



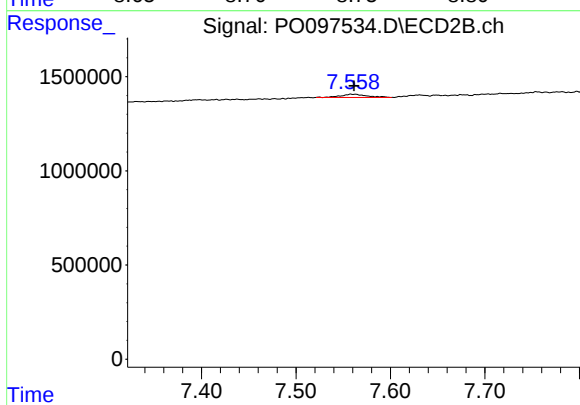
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 111715
Conc: 2.56 ng/ml



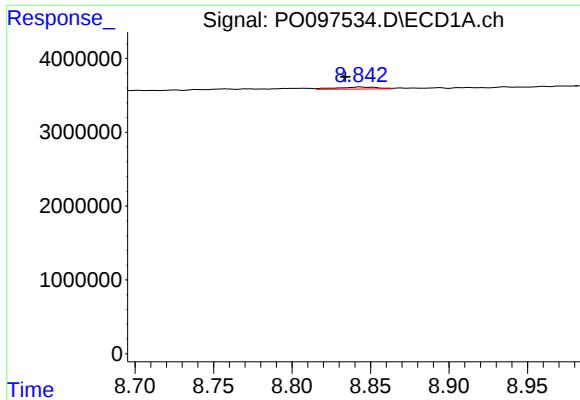
#38 AR-1262-3

R.T.: 8.757 min
Delta R.T.: 0.015 min
Response: 206848
Conc: 1.33 ng/ml



#38 AR-1262-3

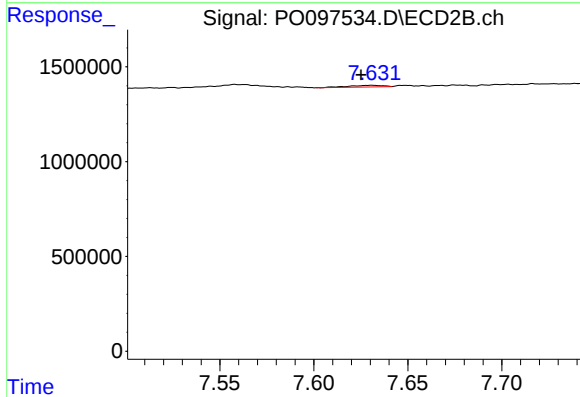
R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 337304
Conc: 10.82 ng/ml



#39 AR-1262-4

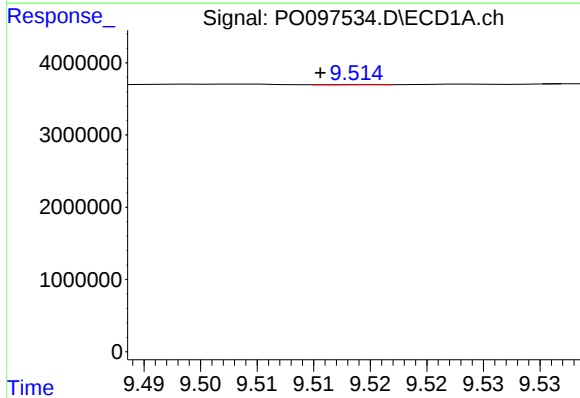
R.T.: 8.843 min
Delta R.T.: 0.009 min
Response: 503813
Conc: 4.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



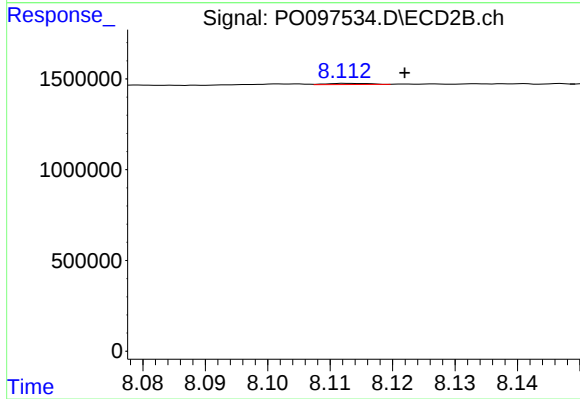
#39 AR-1262-4

R.T.: 7.631 min
Delta R.T.: 0.006 min
Response: 119040
Conc: 2.12 ng/ml



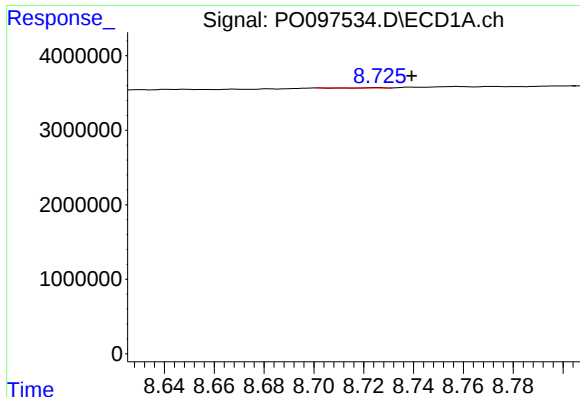
#40 AR-1262-5

R.T.: 9.514 min
Delta R.T.: 0.004 min
Response: 7478
Conc: 0.11 ng/ml



#40 AR-1262-5

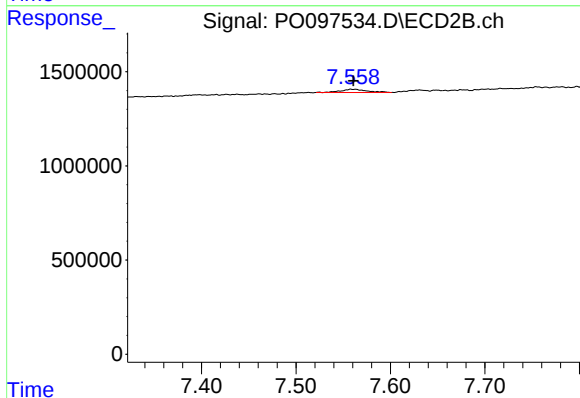
R.T.: 8.113 min
Delta R.T.: -0.009 min
Response: 28894
Conc: 1.23 ng/ml



#41 AR-1268-1

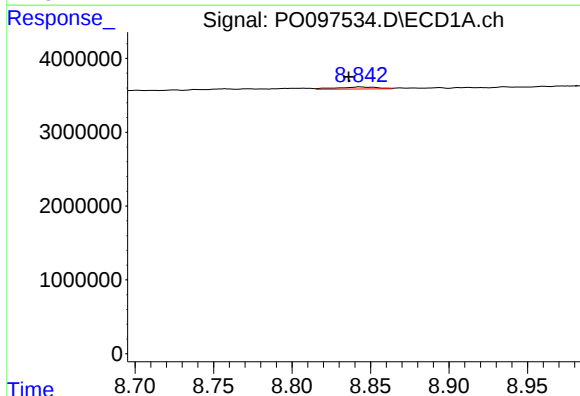
R.T.: 8.726 min
Delta R.T.: -0.013 min
Response: 12824
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



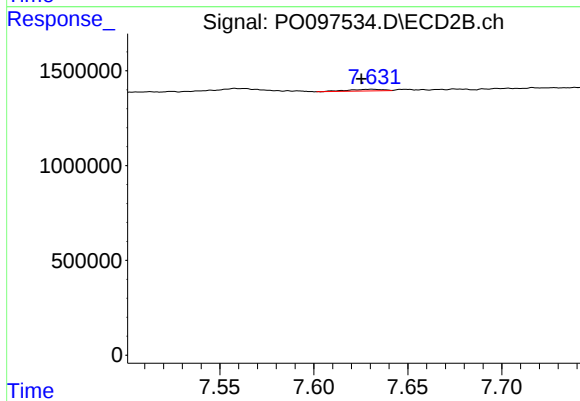
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 337304
Conc: 3.52 ng/ml



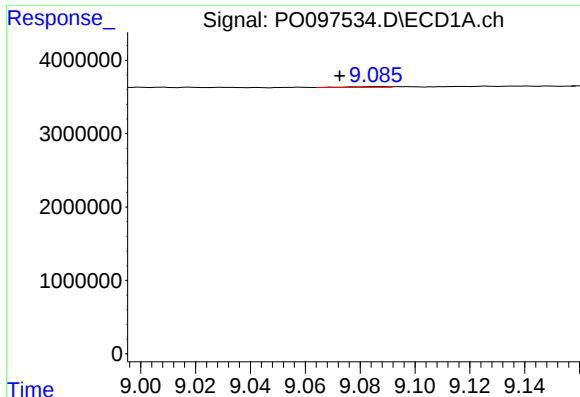
#42 AR-1268-2

R.T.: 8.843 min
Delta R.T.: 0.007 min
Response: 503813
Conc: 1.98 ng/ml



#42 AR-1268-2

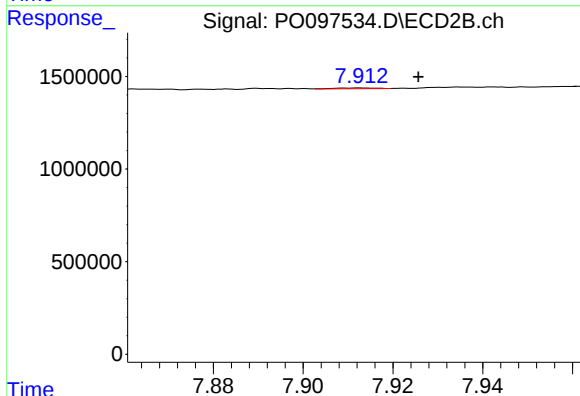
R.T.: 7.631 min
Delta R.T.: 0.006 min
Response: 119040
Conc: 1.44 ng/ml



#43 AR-1268-3

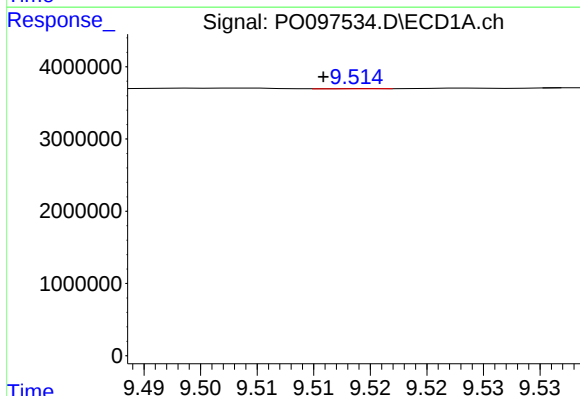
R.T.: 9.085 min
Delta R.T.: 0.013 min
Response: 104920
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



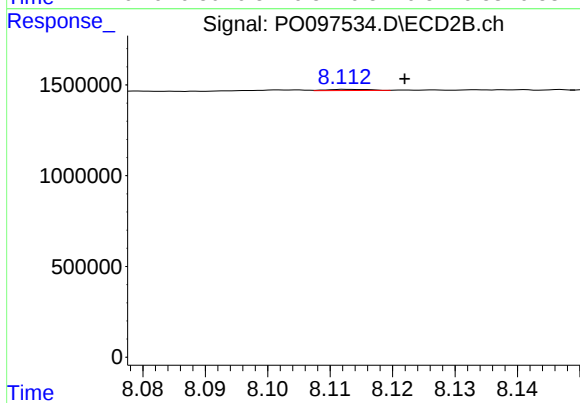
#43 AR-1268-3

R.T.: 7.913 min
Delta R.T.: -0.013 min
Response: 25853
Conc: 1.30 ng/ml



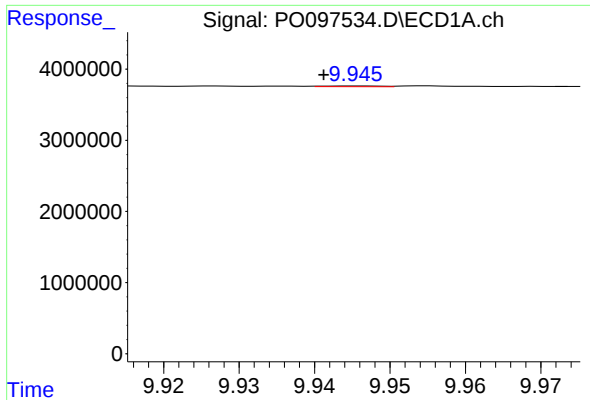
#44 AR-1268-4

R.T.: 9.514 min
Delta R.T.: 0.003 min
Response: 7478
Conc: 0.10 ng/ml



#44 AR-1268-4

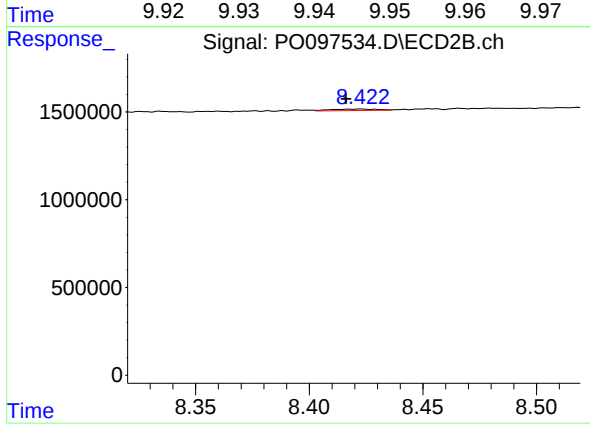
R.T.: 8.113 min
Delta R.T.: -0.009 min
Response: 28894
Conc: 1.12 ng/ml



#45 AR-1268-5

R.T.: 9.946 min
Delta R.T.: 0.005 min
Response: 53064
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: 0.006 min
Response: 124121
Conc: 0.54 ng/ml